the NEW TRAIL

GOLDEN JUBILEE EDITION

1958

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the NEW TRAIL

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STAFF

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Advisory Board: Dr. Andrew Stewart, C. M. Macleod, Tevie Miller

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Alumni . . . Have a Unique Relation to the Government of the University

A Jubilee Message from the President

I am happy to have an opportunity to include in the Golden Jubilee edition of **The New Trail** a message to Alumni from the President of the University.

The Alumni of the University of Alberta have a unique relation to the Government of the University. Not only do the members of Convocation elect a Chancellor, who is Chairman of the Senate and a statutory member of the Board of Governors, the President and Vice-President of the Alumni Association are also statutory members of the Senate and of the Board of Governors. These provisions of the University Act give to the Alumni an unusual opportunity to affect the growth and development of the University, and the changes which have occurred over the past fifty years have inevitably been influenced by the participation of Alumni in the Government of the University, as well as by the interest of graduates demonstrated in other ways. We are grateful to the Alumni for their share in the achievements of the past fifty years.

The history of the University has been recorded in two documents, to be published this year. Dr. John Macdonald has written "The History of the University of Alberta, 1908 - 1958." Mr. Reg Lister's story is told in a booklet entitled "My Forty-Five Years on the Campus". Both books revive memories of earlier days and remind us of change and growth.

The history of the University is a story of the Province of Alberta. The foundations laid in the first decade of the century, the proud contribution to World War I, expansion during the early Twenties, and consolidation in the late Twenties, stagnation through the decade of drought and depression, frustration during World War II, the successful rehabilitation of the Veterans, the beginning of a period of expansion in the late Forties, and the "Crisis of Numbers" the University is now facing as the delayed result of industrial growth.

Visitors to the Campus are impressed by the physical evidences of growth. This progress should be judged against the concept of the University reflected in plans drawn in 1912. Those who laid the foundations of the University had a profound confidence, not only in the future of the Province, but in the contribution that a University could make to its welfare. We believe that the history of the past fifty years have proved their confidence on both counts well founded, and we face the next fifty years with the same assurance of an expanding opportunity for service.

It is safe to conclude that in the year 2008 the revised and extended history of the University of Alberta, which will be written at that time, will point to certain important developments which began in the year 1958. It will record that this point in time marks the beginning of a period of unprecedented growth in higher education in the Province. The features which will stand out clearly in retrospect will be the reaffirmation of the principle of extending education to all young people who have the capacities and are willing to profit from it; the unprecedented increase in the numbers for whom adequate educational facilities will be provided; the extension of the University into new areas of service, notably the growth of programs of graduate studies; the de-centralization of University activities, and the emergence of other institutions of post-school education.

The seeds of these changes are already sown. Through the confusion of voices on the subject of education, there penetrates one consistent note —the determination to provide for the youth of the Province the widest possible educational opportunities appropriate to their capacities and efforts. University enrolment is increasing at the rate of 500 students per year, and the increase will accelerate over the next few years. The University is embarking on a building program representing an expenditure of fifteen million dollars in three years. New disciplines are being introduced into the programs of studies, and the Faculty of Graduate Studies is well-established. Development of the new Campus in Calgary will begin in 1958, and the basis of a separate, autonomous University in that City is being laid. The Lethbridge Junior College is providing a pattern for other similar institutions to follow in due course. The decision to withdraw trades programs from the Institute of Technology and Art and to centre them in Edmonton is providing the opportunity for an expanded range of substantial technical programs at the Institute in Calgary.

(Continued on Page 3)

Vancouver University Club Non-Resident Membership

The University Club of Vancouver was opened recently by His Honour, Lieutenant-Governor Frank M. Ross, at a Ceremony held in the Club's premises at 1021 West Hastings Street. Mr. Peter Sharp, Officer in Charge of the Development Division, Royal Bank of Canada, is President.

The Officers and Directors are desirous of encouraging university and professional men in all parts of British Columbia to take advantage of the Club's non-resident membership for their convenience when visiting in Vancouver.

Application for membership will be welcomed and given prompt attention by the Secretary-Manager, Mr. Douglas G. Dickie.

(Jubilee Message—Cont.)

The University (or Universities) will develop primarily to meet the needs of the Province of Alberta, but it will be increasingly drawn into the inter-related responsibilities of an expanding national program of higher education. The dynamic qualities of the Canadian economy will persist, and Canadians, it is to be hoped, will remain a mobile people, ready to move to those places in which new opportunities appear. Canada will become less dependent on the educational resources of Europe and the United States, and will play an expanding role in helping to meet the educational needs of the "underdeveloped" nations.

There are great challenges to be met in the field of higher education. We look to the graduates for the loyal support, based upon a vision of the character of a great University in the latter half of the 20th Century, which will assist the University of Alberta to meet its growing responsibilities in the fullest possible measure.

Several Firsts at . . .

SPRING CONVOCATION

1958

Three noted graduates of the University of Alberta, two scientists and and economist, received honorary doctor of laws degrees at Spring Convocation.

They were Dr. Gordon Neil Patterson of Toronto, a former student of Strathcona High who became a leading expert on supersonic research; Dr. Dilworth W. Woolley of New York, who became at 23 one of the youngest men on the continent to receive a doctor of science degree and who has been blind since 1938, and Dr. Lloyd G. Reynolds of New Haven, Conn., a former consultant for the American federal budget.

The Convocation address was delivered by Dr. Reynolds.

Convocation preliminaries included the valedictory service, the traditional tree-planting ceremony, and tea in the Wauneita Lounge. On the evening before Convocation, the class of '58 was specially welcomed by the Alumni Association at a dinner in Athabasca Hall.

There were several firsts at this Convocation.

Krishan Nath Synghal, a citizen of India and first graduate student under the Colombo Plan, received a Ph.D. degree.

The first Doctor of Philosophy degree to be awarded by the Division of educational administration at the University of Alberta was conferred on Cecil Patrick Collins, a native of Ontario.

Dr. Scarlett, Chancellor of the University, participated in the tree-planting ceremony with some regret; he retired from office this year.

Some 200 graduands and parents watched the ceremony on the front lawn of the Students' Union Building. Dr. Scarlett recalled the previous five trees he had planted, pointing them out to the crowd. He said there was no better symbol than a tree to mark "good fortune and hope for the class of 1958."

Earlier, in exercises in the Students' Union Building, class Historian Mary Hendrickson traced the expansion of the building program on the campus. She drew a parallel between the physical growth and the academic and social growth of students during their stay at the university. Miss Hendrickson called extracurricular activities "the frosting on the cake" and said students had the privilege of an education that had given them "independence in thought and action."

Class valedictorian Hugh Nuttycombe extended the appreciation of the graduands to those who made their education possible—university founders and professors, the provincial government and "especially parents".

Ken Glover, chairman of the graduating class, presented a $110 cheque for the University, from the class of '58, to Dr. Andrew Stewart.

President's Convocation Address

1958

This is the first function of 1958 at which we call attention to the Golden Jubilee of the University of Alberta. The main activities to celebrate our 50th Anniversary will take place during the week Sunday, October 26th, to Saturday, November 1st.

Between now and November 1st, the University will hold four Convocations. This, the regular Spring Convocation, is related to the Jubilee Celebrations by the conferring of honorary degrees on three distinguished graduates of this University, who will shortly be presented to the Chancellor. In September the University will receive a visit from 36 representatives of Commonwealth Universities who are coming here following the meeting of the Congress of the Association of Universities of the British Commonwealth in Montreal. Honorary degrees will be conferred on three of the distinguished visitors. On October 27th, a special Jubilee Convocation will be held, at which the University will receive greetings from sister Universities, and a number of degrees will be conferred. The regular Convocation for the conferring of degrees in course is on November first. The University will mark both its Jubilee, and the commencement of developments of the new Campus in Calgary by holding the Fall Convocation in the southern city.

Further to mark the completion of 50 years, the University has accepted from Dr. W. H. Alexander, the first appointee to the staff of the University of Alberta, formerly Professor of Classics and Dean of the Faculty of Arts and Science, the manuscript of his work "The Book of Catullus of Verona" done into English verse. A handbound volume is on display in the Rutherford Library, and 225 microfilm copies have been distributed to Universities in Canada, other countries of the Commonwealth, and the United States. Copies are now available of a short history of the University, "University of Alberta, 1908-1958" written by Dr. John Macdonald, Professor Emeritus of Philosophy and formerly Dean of the Faculty of Arts and Science. The University is also publishing the story of Mr. Reg Lister, Superintendent of Residences and an honorary member of Convocation. This story is written by Mr. Lister and is entitled "My 45 years on the Campus".

The University is pleased, in its Jubilee Year, to be host to the Conference of Learned Societies. During the period May 28th to June 16th, 23 Societies, including the Royal Society of Canada and the National Conference of Canadian Universities will hold their annual meetings on the Campus. This will be the first occasion on which the Learned Societies have met in this Province.

In the period October 27th to November 1st, a number of other functions, of which fuller public announcement will be made in due course, will be held. These will include the official opening of the new wing to the Biological Science Building, which will be opened for classes in September; the laying of the corner stone of the New Physical Education Building, which is the Jubilee gift of the Government of the Province to the University; and appropriate ceremonies to mark the provision of new facilities for the Physical Science Department, and the beginning of construction on the new Campus in Calgary.

These activities will call attention to the completion of one stage in the growth of the University of Alberta, and the commencement of another in which the conditions will be significantly different. The year 1958 is not merely a noteworthy point in time; it is a year of transition. In its fifty years, the University has experienced short periods of rapid expansion particularly immediately following the two world wars; but the average rate of growth in student numbers has been less than 100 per year. Along with other Universities in Canada, we are now entering a period of sustained and much more rapid expansion; and, along with other Canadian Universities, we are endeavouring to lay a sound foundation appropriate to our particular circumstances.

Although no reference was made to the national aspect of the problem in the Speech from the Throne, the National Conference of Canadian Universities has, in interviews with the Prime Minister, been given assurances of the concern of the Government of Canada that the Universities should receive sufficient support to enable them to perform their essential functions and to meet the growing needs of the country. Support must be forthcoming both to provide physical facilities, and to meet proper standards of operation. I am pleased to report that in its budget for 1958-59, the Government of the Province has met in full the requests of the Board of Governors for new buildings, and has contributed a substantially increased grant for current operations. Approval has been given to the construction of the Physical Education Building, the Physics-Chemistry-Mathematics Building, a substantial addition to the Medical Science Building, and to the necessary alterations to existing instructional buildings on the Edmonton Campus. Funds have been voted to construct permanent facilities for the expanding University of Alberta in Calgary, which will provide, at the first stage, for a full-time student body of 1,000, and will make it possible to offer in Calgary, all courses leading to certain degrees.

In this Province the University has felt it appropriate to commit itself to a program of controlled decentralization. This policy is being put into effect in current plans for expansion of the University in Calgary; and it is gratifying to be able to report that the new Community Junior College in Lethbridge seems to be well-established. Our relations with the Lethbridge Junior College have been completely harmonious, and the College has already demonstrated its capacity to serve the needs of its Community and to meet all the standards required by the University for those students proceeding to degrees.

Study of the problem of admission requirements for students continues in all parts of Canada. The Atkinson Study in Ontario and the Alberta study are proceeding, and through the interest of the Carnegie Corporation a similar study of student progress through school and University is now underway in the Atlantic Provinces. The University of Alberta welcomed the Provincial Royal Commission on Education, and several briefs have been prepared and submitted to the Commission by Faculties of the University. Most Canadian Universities have found it necessary to raise tuition fees for 1958-59. The increase is not more than is necessary to maintain the proportion of operating

(Continued on Page 5)

Presentation of Gordon Neil Patterson

By Dr. Andrew Stewart

EMINENT CHANCELLOR:

I have the honour to present to you GORDON NEIL PATTERSON.

Born in Medicine Hat in 1908, he proceeded through elementary and high schools and University in this Province. He was awarded the degree of Bachelor of Science in Engineering Physics in 1931. Subsequently he qualified for the Master of Arts and Doctor of Philosophy degrees in 1933 and 1935 respectively at the University of Toronto. Always a student of outstanding merit he was the winner of an open fellowship, and held a bursary and a studentship from the National Research Council.

For four years commencing in 1935 he served with the Royal Aircraft establishment at Farnborough, England, in the capacity of scientific officer in the aerodynamics department. His activities during this period were concerned with wind tunnel research directed to the improvement of aircraft performance.

In 1939 he went to Australia and for a five year period served as officer in charge of the aerodynamics section of the division of aeronautics of the Council for Scientific and Industrial Research in Melbourne. From 1944 to 1946 he was engaged in advanced study and research at the California Institute of Technology and the Institute of Advanced Studies at Princeton on the subject of Supersonic Aerodynamics and Jet Propulsion.

He returned to Canada in 1947 to assume the position of Professor of Aerodynamics at the University of Toronto; and in 1949 became Director of the Institute of Aerophysics.

Dr. Patterson, in his work at Toronto, has been concerned with basic studies of gas flows, the physical properties of shock waves, and the development of the first shock tube in Canada. He has prepared the first book on the molecular approach to aerodynamics. He is a member of the Gas Dynamics Panel of the Defence Research Board, a Fellow of the Royal Aeronautical Society, and a Fellow of the United States Institute of Aeronautical Sciences.

Dr. Patterson has been active in a highly specialized field of applied science, in which vast advances have been made in recent years. In this field he has made outstanding contributions to breaking the "thought-barrier".

Eminent Chancellor, for the degree of Doctor of Laws, HONORIS CAUSA, *I have the honour to present to you Gordon Neil Patterson, a teacher, an eminent scientist, and a distinguished graduate of this University.*

(CONVOCATION ADDRESS—Continued)

costs covered by student fees. But, if financial ability is not to become a principal determinant of admission to University, it will be necessary to increase the funds available for student assistance in the form of scholarships, bursaries and loans.

Last year I referred to the creation of the Faculty of Graduate Studies. I am pleased to report that progress is being made in this area of the University's activities. All Canadian Universities are becoming concerned about their program of graduate studies. The primary reason is that the Graduate Schools are essential to the survival of the Universities themselves. The Universities draw their staff from Graduate Schools; but the out-turn from Canadian Schools of Graduate Studies is, in all fields, insufficient to meet the needs of the Universities alone; and in some fields the discrepancy is appallingly wide. In this University we are still parasitic upon other institutions. However, we are making progress. The policy of offering graduate teaching and research fellowships in more substantial amounts is attracting graduate students to the Department, and with the expansion of facilities, this University will in time place itself in the respectable position of being self-supporting—by this I mean that the contribution of the University in terms of the number of graduates with advanced degrees will equal the demands we make on other institutions. This should be our immediate goal.

I have selected for comment only two problems which are receiving our continuous attention—the problem of admission of undergraduate students and the problem of expansion of graduate studies. It is interesting that these two problems have been selected for discussion at the annual meeting of the National Conference of Canadian Universities to be held here in June. Our problems are in no way peculiar; and I believe we have as much progress toward their solution as has been achieved in any other part of Canada.

Eminent Chancellor, this Convocation brings with it only one regret. In June 1952 you were elected by the graduates of this University as its Chancellor, and you have now completed the term of six years prescribed in the University Act. It is our great regret that this is the last Convocation at which you will preside. However, we do not wish to dwell on this. Rather, we wish to thank you for the indelible contribution you have made through your distinguished and unselfishly generous service to this University. During your term as Chancellor you have admitted to Convocation some 3,000 students. None of them will forget your part in their graduation, or the words of wisdom you have spoken to them. As Chairman of the Senate, as a member of the Board of Governors, and on the numerous occasions on which, in other ways, you have represented the University, you have unsparingly used your great talents to preserve and strengthen the reputation of this University, and to advance its welfare. These few and inadequate words must serve to express to you, and to Mrs. Scarlett, our very grateful thanks.

Alumni Jubilee Fund

TARGET

$25,000

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RECEIPTS

$23,448

•

Number of Alumni Contributors

2,014

Presentation of Dilworth W. Woolley

By Dr. H. B. Collier

EMINENT CHANCELLOR:

I have the honor to introduce to you DILWORTH WAYNE WOOLLEY.

In this anniversary year that we are now celebrating, Dr. Woolley returns to us as one of our most distinguished graduates. He was born in Raymond, Alberta, in 1914. He attended this University and was awarded the B.Sc. with first-class honors in Chemistry in 1935. The records show that he obtained marks of 90 per cent or above in all his university examinations but two. Our Professor Sandin, in his classes in organic chemistry, often refers to Dr. Woolley as one of the Chemistry Department's outstanding students. He published his first scientific papers with Dr. Sandin, on some aspects of the chemistry of fats.

Woolley then proceeded to the University of Wisconsin for graduate work, and there obtained his Ph.D. in Biochemistry in 1938. At Wisconsin he began work on the chemistry of molds and bacteria and other micro-organisms. He then turned his attention to somewhat larger species; his name is associated with the discovery of inositol as a vitamin for mice. In 1937 he published a paper with Professor Elvehjem and others on the role of nicotinic acid in curing black-tongue in dogs. This discovery soon led to the use of this vitamin in treating pellagra in the human species. Dr. Woolley has worked on many of the other vitamins throughout his career.

In 1939 Dr. Woolley joined the staff of the Rockefeller Institute for Medical Research in New York, and he has been associated with that great institution since then. He now holds the rank of full Member and Professor of the Institute.

Dr. Woolley continued his work on micro-organisms and discovered streptogenin as a growth factor for certain bacteria. But he is best known for his study of antimetabolites and biological antagonisms.

In 1940 Fildes and Woods had proposed that sulfanilamide inhibits the growth of bacteria by virtue of competition with para-aminobenzoic acid, a growth factor for the bacteria. Thus, sulfanilamide is an antimetabolite or antagonist for para-aminobenzoic acid, because of its similarity in molecular structure. The drug molecule is believed to block the mechanism in the bacteria that normally utilizes the vitamin: just as a key with a slightly different shape from that of the proper key may jam in the lock.

Dr. Woolley has published many important papers on the antagonists of various vitamins. He has also applied his theories to the problem of cancer. Just last week at the University of Saskatchewan Dr. C. P. Rhoads stated that the chemical control of cancer is now a most promising avenue of research. Dr. Woolley's researches in biological antagonism may help to provide the solution to this problem: by discovering compounds that will antagonize the growth of malignant cells. These investigations touch on one of the most fundamental problems in biochemistry today: the relationship between the chemical structure of a molecule and its biological activity.

Dr. Woolley's most recent investigations have been on the metabolism of the brain and the biochemistry of mental disorders: one of the most exciting and promising frontiers of biochemical research today. In 1954 he published a paper entitled "A biochemical and pharmacological suggestion about certain mental disorders." He has followed this with a series of papers which indicate that serotonin may have a vital function in normal brain activity, and that the "hallucinogenic" drugs may act as antagonists to serotonin in the brain.

In 1952, Dr. Woolley published a book, "A study of Antimetabolites," and he has published about 150 scientific papers in the past 23 years, a remarkable record. He was granted the honorary degree of Doctor of Medicine from the University of Amsterdam in 1949, and has received many awards from various scientific bodies in recognition of his work. He is a member of the National Academy of Sciences of the U.S.A. The breadth of his interests may be illustrated by his membership in these other scientific societies: The American Chemical Society; the American Institute of Nutrition; the American Society of Biological Chemists; the Harvey Society; the New York Academy of Medicine; the New York Academy of Sciences; the Society of American Bacteriologists; and the Society for Experimental Biology and Medicine.

Let us hope, Sir, that Dr. Woolley and his colleagues will soon discover a compound that will antagonize mental inertia, and that will stimulate others to become as intellectually productive as he has been.

Eminent Chancellor, I have the honor to present Dilworth Wayne Woolley, that you may confer upon him the degree of Doctor of Laws, HONORIS CAUSA.

Presentation of Lloyd G. Reynolds

By E. J. Hanson

EMINENT CHANCELLOR:

I have the honor and privilege to present for the degree of Doctor of Laws, HONORIS CAUSA, *Dr. LLOYD GEORGE REYNOLDS. The Faculty is proud and happy to claim Dr. Reynolds as a native Albertan since he was born at Wainwright, Alberta, on December 22, 1910. His ele-*

Left to right: Dr. Andrew Stewart; Dr. D. N. Woolley '35; Dr. G. N. Patterson '31; Dr. L. G. Reynolds '31; Dr. E. P. Scarlett, Chancellor.

mentary, secondary and undergraduate education was obtained in this province. In 1931, he graduated from the University of Alberta with the honors degree in Political Economy. His taste for economics cultivated and his enquiring mind stimulated, he continued his studies at McGill and received his Master's degree from there in 1933. Economic problems intrigued him and he went on to Harvard to continue his graduate studies. Harvard granted him his Doctorate in Economics in 1936. While there, he turned to writing and published his first book entitled, "The British Immigrant in Canada". The administration at Harvard recognized in him a promising young economist and appointed him to the staff. For the next three years, he lectured in economics at this university. Then he received an appointment as Associate in Political Economy, which he accepted from Johns Hopkins University. During this period, he made worthwhile contributions to the literature of economics in the form of two publications, namely, "Control of Competition in Canada", which is still a classic in its field, and "Labour and National Defence".

He became Associate Professor at Johns Hopkins in 1941 where he remained until 1945 at which time he accepted an Associate Professorship at Yale. In 1945, he prepared and issued his "Index to Trade Union Publications"—a most valuable piece of work. He has served in the capacity of Associate Director of the Labor Management Centre since 1945. In recognition of his outstanding capabilities as a teacher, writer, and research worker, the administration at Yale made him full professor in 1947, Chairman of the Department of Economics in 1951, and further honored him by making him Sterling Professor a year later. During these years, he wrote two more books, "Labor Economics and Labor Relations" and "The Structure of Labor Markets".

This young man's abilities were recognized not only by the University but also by the community at large and by labor research organizations in particular. His services were very much in demand by these groups and he served successively as Research Director of a Labor study for the 20th Century Fund; as Research Secretary, Committee on Employment for the Social Science Research Council; as Co-Chairman of the By-Laws Commission for the National Labor Relations Board; and as consultant for the Bureau of the Budget of the U.S. Government. He had become a United States citizen in 1940. Because of all these activities, he became known as a very practical man as well as a man of ideas who could find acceptable solutions in controversial issues.

He has given generously of his time and talent to various other organizations. He was a member of the Board of Editors of that well-known publication, American Economic Review. At present, he is a member of the Industrial Relations Research Association (having been president in 1955), member of the American Economic Association, a member of the American Academy of Political Science and of the American Statistics Association. Dur-1954-55, he was made a Guggenheim Fellow.

Upon examining his impressive array of academic achievements, one realizes that rarely does one find so many talents combined in the make-up of one individual, teacher, author, research worker, administrator and consultant. I submit that this is indicative of truly remarkable versatility on the part of any individual. The Faculty takes much pleasure in presenting to you, Eminent Chancellor, this worthy scholar and servant of society so that you in turn may confer upon him the highest recognition that this University, his own alma mater, can bestow.

OLD "TRAILS"—NOVEMBER, 1923

Dr. Tory's decision to retain the Presidency of the University was hailed with relief. The announcement this summer that he had been offered the important position of honorary chairman of the Research Council of Canada aroused a demonstration of the high regard in which Dr. Tory is held. Newspapers expressed alarm at the loss which Alberta was about to suffer. The alumni petitioned the government to do anything in its power to retain Dr. Tory. The University staff did likewise. The students, when they returned for the fall session, invaded the President's lawn with torches and songs and cheers "to tell you that we want you to remain." The result is that Dr. Tory is still our President and is also honorary chairman of the Research Council, a matter of gratification and pride to all alumni. Our Alma Mater would not be the same without him.

OLD "TRAILS"—FEBRUARY, 1924

BRAVO, SENIORS! They have kept their class fees down to six dollars, the lowest in many years. The class secretary announces that 154 students are to graduate next spring. Such definite assurance must be comforting to the members of Class '24. Here's hoping they all join the Alumni Association to celebrate.

First Convocation — University of Alberta

October 13, 1908

"The main auditorium of the Odd Fellow's Temple was very tastefully decorated with the university colors, green and gold, and with the crests of all the provinces of the Dominion . . . The colors of the university were further illustrated with a number of evergreen trees in the background and a row of grain sheaves in front of the footlights . . . "

Strathcona Plaindealer, Wednesday, October 14, 1908.

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Jubilee Week Program

October 26 to November 1, 1958

Sunday, October 26—

7:30 p.m.—Service of Divine Worship, conducted by Dr. J. S. Thomson, ex-Moderator, United Church of Canada, President, University of Saskatchewan, and former Dean of Divinity, McGill University.

—Convocation Hall

Monday, October 27—

6:30 p.m.—Banquet in honor of distinguished guests and members of the first Convocation.

—Athabasca Hall

8:30 p.m.—Jubilee Convocation; convocation address by Dr. F. Cyril James, Principal, McGill University.

—Northern Alberta Jubilee Auditorium

Tuesday, October 28—

12:30 p.m.—Luncheon in honor of members of the first Convocation.

—Staff Room, University Cafeteria

8:30 p.m.—Henry Marshall Tory Lectures (first evening), given by the Honorable Dr. Sidney Smith, Minister of External Affairs.

—Convocation Hall

Wednesday, October 29—

3:30 p.m.—Laying of the cornerstone of the Physical Education Building by the Honorable Ernest C. Manning.

5:30 p.m. } Reception and Dinner—Testimonial Dinner for Past Presidents of the General
6:30 p.m. } Alumni Association, sponsored by the Alumni Association of the University of Alberta.

—Mayfair Golf and Country Club

6:00 p.m.—Buffet supper in honor of visiting civic and municipal officials—

8:30 p.m.—Henry Marshall Tory Lectures (second evening), given by the Honorable Dr. Sidney Smith, Minister of External Affairs

—Northern Alberta Jubilee Auditorium

Thursday, October 30—

3:30 p.m.—Opening of the Biological Sciences Wing, Agriculture Building, by the Honorable A. O. Aalborg.

4:00 p.m.—Turning of the first sod for the Physical Sciences Buildings, by the Honorable A. R. Patrick.

8:30 p.m.—Address by Dr. Loris Russell, sponsored by the Science Association, University of Alberta.

—Convocation Hall

Friday, October 31—

8:30 p.m.—Address by Dr. Barker Fairley, sponsored by the Philosophical Society and the Humanities Association, University of Alberta.

—Convocation Hall

Saturday, November 1—

2:00 p.m.—Fall Convocation.

—Southern Alberta Jubilee Auditorium, Calgary

4:30 p.m.—Turning of the sod for the first building of the University of Alberta in Calgary.

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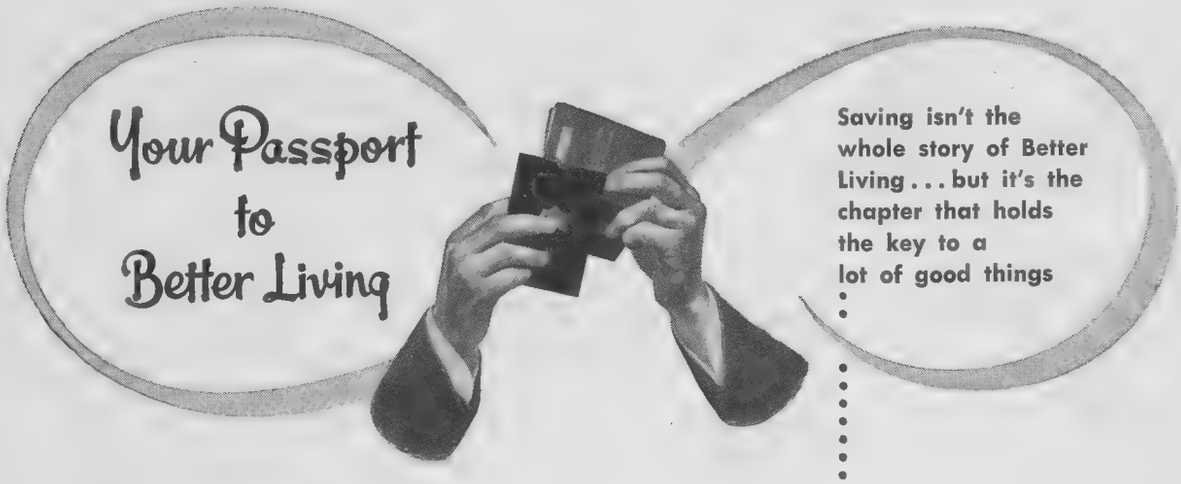

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ALUMNI PAST PRESIDENTS

Golden Jubilee Reception and Dinner

●

Wednesday, October 29

●

- The General Alumni Association will honour the 16 remaining Past Presidents of the G.A.A.
- At Mayfair Golf and Country Club
- Reception 5:30 p.m.—Dinner 6:30 p.m.
- Tickets $3.50 per person
- All Graduates Welcome—Limited Accommodation
- Make Your Reservations with the Alumni Office Now

OLD "TRAILS"—NOVEMBER, 1924

Do not fail to read how the rugby team was entertained by the Calgary Alumni. The action of our comrades in Calgary is just what we should expect of them, and shows the genuineness of their university spirit—all together for the U. of A.!

OLD "TRAILS"—NOVEMBER, 1925

Why all this higher learning? What good is a degree anyway? And you know a lot of other questions like that, just as hard to answer. But did you ever try to set down in black and white just what a university training did give or do for you?

THE TRAIL offers a book prize, to be selected by the editorial committee, for the best criticism of university aims, methods and results. Entries should not be more than five hundred words in length, to be in the hands of the Editor not later than the middle of January.

OLD "TRAILS"—JULY, 1926

One hundred and eighty-four degrees, 12 diplomas and 13 degrees ad eundem statem, were conferred by the senate of the University of Alberta at the sixteenth annual spring convocation exercises held on Friday afternoon, May 14th.

OLD "TRAILS"—JANUARY, 1928

It may not be generally known that provision has been made for life-membership in the Alumni Association. At present the fee is $30.00, although an amendent to the constitution is about to be submitted to members in good standing increasing this to $50.00 since the present rate of interest yields considerably less than the fee for ordinary membership. Another amendment which is proposed is to extend the Council's term of office to June 30th in order that it may adopt a financial report. In the past, one of the first duties of the new Council has been to approve and assume responsibility for the financial affairs of their predecessors!

Last fall saw the unveiling by President Wallace of the long-talked-of permanent Honour Roll, containing the names of all faculty members, staff members, ex-students and students who served in the Great War. This has been painted on the walls of the entrance hall to Convocation, and is a simple and beautiful piece of work worthy of its object. It is a noble memorial of which the University is proud.

OLD "TRAILS"—JUNE, 1934

Convocation Day was a real "scorcher." From the scribe's position behind the Chancellor's chair the crowded galleries and side seats of McDougall Church were all a-flutter with programs. About a dozen graduates apart from staff and graduands exercised their privilege of joining the academic procession.

OLD "TRAILS"—JANUARY, 1935

The Board of Governors has provided the most recent "sensation" both within and without the walls of the University. Early this month a ruling of the Board was made public as follows: "A full time member of the staff may not participate in provincial political activities; he may not offer himself as a candidate for a federal constituency or accept a seat in the federal house; he is not otherwise restricted from activity in federal politics provided that such activity has no relationship to provincial politics. A part-time member of the staff, if he engages in political activities, must make clear to all concerned that his relationship to the University is incidental and that his main professional activities are entirely unconnected with the University."

NEW SCHEDULE OF U. OF A. TUITION FEES

	1957-58	1958-59
Faculty of Arts and Science—		
(a) B.A.:		
Per session	$170.00	$200.00
(b) B.Sc.:		
Per session, first and second years	190.00	230.00
Per session, third and fourth years	200.00	230.00
(c) Diploma in Art:		
Per session	170.00	200.00
Faculty of Agriculture—		
Per session, first and second years	180.00	220.00
Per session, third and fourth years	200.00	230.00
School of Commerce—		
Per session, first and second years	190.00	230.00
Per session, subsequent years	200.00	230.00
Arts and Commerce—		
Per session, first and second years	170.00	200.00
Per session, third and fourth years	190.00	230.00
Per session, first year	200.00	230.00
Faculty of Dentistry—		
(a) Pre-Dental Course (Arts and Science):		
Per session, first or second year	190.00	230.00
(b) Faculty of Dentistry:		
Per session, first and second years	310.00	350.00
Per session, third and fourth years	360.00	400.00
Faculty of Education—		
Per session, first and second years	150.00	190.00
Per session, third and fourth years	170.00	210.00
Faculty of Engineering—		
Per session, first and second years	235.00	270.00
	240.00	270.00
Per session, subsequent years	270.00	300.00
Arts and Engineering:		
Per session, first second and third years	190.00	230.00
Per session, fourth year	240.00	270.00
Per session	270.00	300.00
School of Household Economics—		
Per session, first and second years	190.00	230.00
Per session, subsequent years	200.00	230.00
Faculty of Law—		
(a) Arts and Law:		
Per session, first and second years	170.00	200.00
(b) Law:		
Per session, first year	210.00	250.00
Per session, subsequent years	235.00	250.00
Faculty of Medicine—		
Per session, first year	310.00	350.00
Per session, second year	460.00	460.00
Per session, third and fourth years	510.00	510.00
School of Nursing—		
(a) Degree Course:		
Per session, first year	190.00	230.00
Per session, intermediate years	Gratis	Gratis
Per session, final year	200.00	230.00
(b) Diploma Course, Public Health or Teaching and Supervision	200.00	230.00
School of Pharmacy—		
Per session, first year	205.00	240.00
Per session, second and third years	225.00	240.00
School of Physical Education—		
Per session	170.00	210.00
School of Physiotherapy—		
Per session	200.00	230.00

A History of The University

A University's Golden Jubilee would be incomplete without an historical account in print of the institution's life and development over the 50 years.

Such a history is that fashioned by Dr. John Macdonald, former Dean of Arts and Science.

In his "History of the University of Alberta, 1908-1958", Dr. Macdonald has reviewed the passing parade of university presidents, chancellors, chairmen of the board of governors, and "those who had an important part in the beginning of the university—the first four Professors, and the first Deans of Faculties".

Amply illustrated with old and new photographs of the campus, "The History" bears out Dr. Macdonald's preface remarks, "I have tried to preserve something of the human interest of the story, and make it more than an impressive assembly and presentation of factual material".

Quite another story is Reg Lister's, "My Forty-Five Years On The Campus". Reg, with some assistance from Elsie Park Gowan, runs the gamut of his forty-five years as superintendent of residences at the University of Alberta.

Most of the flavor of the book has been retained, and it reads and sounds like Reg. Illustrations are sparse, but each chapter is a revelation.

Several notorious names and Athabasca room numbers are used throughout, however as Reg expressed it when finished, "I had to use a little restraint."

Both books make excellent reading and The New Trail *takes pleasure in recommending them to graduates of the University, and friends interested in the history and development of the institution.*

In the Jubilee Year

An Outstanding Book Offer

For $3.00

You Can Acquire a Copy of Each of These

●

The History of the University
1908-1958
By Dr. John Macdonald

My Forty-five Years on the Campus
By Reg Lister

Life of Dr. Tory
By E. A. Corbett

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OLD "TRAILS"—NOVEMBER, 1921

There is more joy in the Alumni Association over the one sinner who sendeth in two simolians than over the hundred and and one who sendeth nothing.

Then there is our dear old pal with whom we would like to shake hands again. We expect he left on the midnight train, for we never heard a word about it. But here he is:

Texas.

Dear Old Scout

I enclose two bones for the Alumni Association. Please send on the Trail.

Bill.

We have thirty members who, when St. Peter calls the roll up yonder, will click their heels together and with their toes at an angle of forty-five degrees, will answer, "Here, Sir" to Bill.

If Anyone Has —

Killed a pig, Shot his wife, Got married, Borrowed a stamp, Made a speech, Lost his job, Bought a Ford, Robbed a bank, Sold a dog, Lost his wallet, Gone fishing, Broken his neck, Bought a house, Committed suicide, Shot a cat, Been away, Come back home, Moved his office, Taken a vacation, Been in a fight, Got licked, Been arrested, Got rich, Made a bad bet, IT'S NEWS— Send it to the EDITOR.

OLD "TRAILS"—JUNE, 1930

L. Y. Cairns, '12, newly elected president of the Association gave the toast to the graduating class, and Hugh Morrison, '30, Rhodes Scholar-elect, responded. Then Tubby Thornton, '22, Ted Gowan, '23, '25, and Don MacKenzie, '28, '30, showed us just how a Ph.D. oral ought to be conducted. The sight of two learned profs calmly discussing philosophical questions while removing the unconscious candidate on a dinner wagon was well worth seeing.

Students of English and students of Law will shed a tear over the passing of Arts 212. This noble chamber, dedicated for so long to the literary and litigious muses, has now been demoted to an office — a registrar's office, and in place of the noble sentiments of beauty and of justice which have hitherto reverberated from its walls, it is doomed to echo henceforth nought but the sniffling plaints of Freshmen and the hoarse wheedling tones of upperclassmen seeking to adjust their courses.

Speaking of the Registrar's office, we are painfully reminded of the fact that Students' Union fees this year will total twenty-five dollars ,seven of which are to be alloted to a New Gymnasium fund. Before this twenty-year-old dream of alumni becomes a reality, however, the matter has to be voted on again by the students, the vote taken last April having been carried by a majority of only forty out of seven hundred students present. There is a good possibility of the majority being sufficiently increased, and future visiting alumni who may be overcome with emotion at the sight of a brand new gymnasium will also, so it is rumored, have at their disposal a swimming-pool in which to cool their fevered brows.

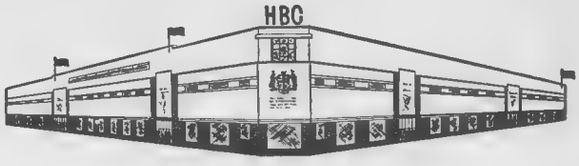
"Each for All and All for Each"
—Wauneita Motto.

"Feeders Day" on the Campus — 1926

Some old-time flivvers parked near the present Students' Union Building, just off 114th Street. Conspicuous by its presence is the lone bicycle. The Medical building is seen, rear left and St. Stephen's College, rear centre.

The Reg Lister Family — 1924

Mrs. Lister **Reg Ronald** **Katherine**



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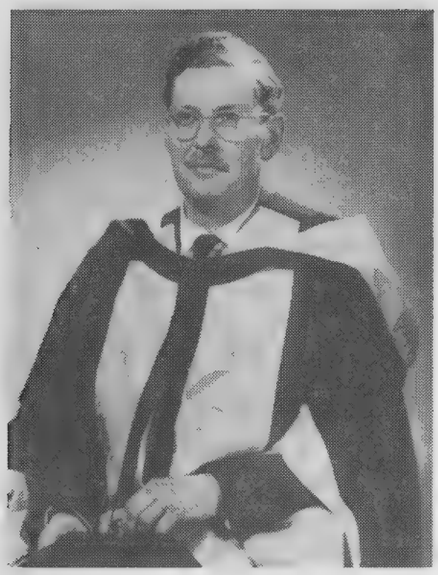

Dr. Clegg Appointed Head of Dairying

Dr. Lawrence Frank Levey Clegg has been appointed Professor of Dairying following the retirement of Dr. Harold R. Thornton, who has been Head of the Department since 1934.

Dr. Clegg is a native of England and is at present deputy head of the Bacteriology Department of the National Institute for Research in Dairying, University of Reading, England and Joint editor of the **Journal of Applied Bacteriology.** After completing his secondary school education at the Stationers' Company's School, London, he came to Canada and attended Macdonald Agricultural College and the Ontario Agricultural College. He graduated from O.A.C. in 1935 with the degree of Bachelor of Science in Agriculture as a specialist in Bacteriology.

Dr. H. R. Thornton, '22, who retires as Professor of Dairying this year is a veteran of the first World War. After securing his Ph.D. at the University of Wisconsin in 1927, he served for two years on the staff of the North Dakota Agricultural College before joining the staff of Alberta as Professor of Dairying in 1929.

During almost thirty years on the staff Dr. Thornton has made substantial contributions to research in dairy bacteriology and to the work of the dairy industry in Alberta.

Tuition Fees Increased

The Board of Governors of the University of Alberta has recently been faced with a large increase in instructional costs. Since it was felt that student fees should reflect these increases, the Board has approved an upward revision of tuition fees, effective in the 1958-59 session (see page 12 for old and new schedules).

In the words of Dr. Walter Johns, vice-president of the University, "It is hoped that the effect of this increased cost to students will be mitigated to some extent by more assistance in the form of scholarships, bursaries, and loans".

R.S.C. Honours University President and Dean of Faculty

At the first meeting of the Royal Society of Canada held on the University campus this spring, Dr. Andrew Stewart, President of the University, and Dr. R. M. Hardy, Dean of the Faculty of Engineering were among twenty-eight distinguished Canadian humanists and scientists formally welcomed into Society membership.

The society is composed of five sections. Dr. Stewart was elected to the humanities in English section and Dr. Hardy to the geological sciences section.

Students Prepare Brief on North

A group of University of Alberta commerce students have just completed a project to "sell" the potential of the North to Canadians.

Nine senior students have been working since last October on the files of the Edmonton Chamber of Commerce's Northern affairs committee.

From the files, they have prepared a brief, couched in laymen's language, to bring home to all Canadians the coming development of the North.

The project was the inspiration of Prof. B. A. Lindberg, former head of the school of commerce. The nine students, including one girl, worked on it as a voluntary exercise.

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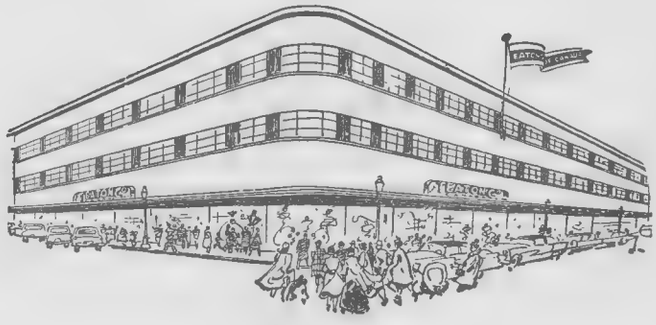

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Three Convocations This Fall

Three convocations will be held by the University of Alberta this fall, two in Edmonton, and one in Calgary.

The first, in Edmonton on September 10th, will honour delegates from the Association of Universities of the British Commonwealth who will be visiting the University of Alberta following congresses in Toronto and Montreal. At this convocation, to be held in Convocation Hall, honorary degrees of Doctor of Laws will be conferred on two distinguished visitors, Sir James Frederick Mountford and Dr. William Eric Phillips.

Sir James Mountford, has been Vice-Chancellor of the University of Liverpool since 1945 and is a leading figure in higher education in the United Kingdom.

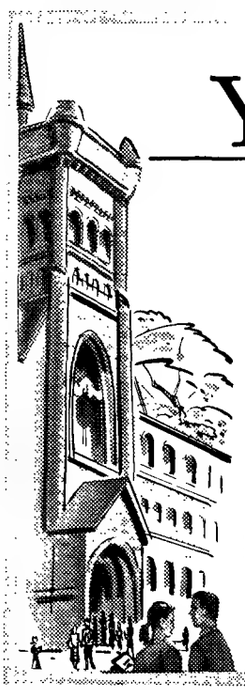
Dr. Phillips is a native of South Africa and holds degrees from the Universities of Natal and South Africa in the field of electrical engineering. He has made many important contributions to the development of radar and ultra-high frequency electro-magnetic radiation. He has been Dean of the Faculty of Engineering at the University of Natal since 1955.

On October 27th the University of Alberta will hold a special Jubilee Convocation in the Northern Alberta Jubilee Auditorium to celebrate the completion of fifty years of service. Invitations have been issued to over two hundred Universities and other institutions in Canada, the Commonwealth, the United States of America and elsewhere to send representatives to the Convocation. Special honour will be done on this occasion to graduates and former staff members of the University.

Among Alumni to be honoured will be Dr. Loris Shane Russell, who graduated in 1927 in geology and is now Director of the Natural History Branch of the National Museum of Canada. During Jubilee Week, Dr. Russell will deliver a public lecture in Convocation Hall on "The Rise and Fall of the Dinosaurs". Another graduate to receive an honorary degree will be Mr. Max Wershof who received his B.A. in 1928 and his LL.B. in 1930 after a distinguished record in academic work and student activities. After practising law in Edmonton for five years, Mr. Wershof joined the Department of External Affairs where he has served in a wide variety of capacities. Since 1956 he has been permanent Canadian representative to the European office of the United Nations in Geneva.

Three former staff members will also receive honorary degrees on this occasion. Professor Barker Fairley served as lecturer in German in the early years of the University from 1910 to 1915. Since then he has had

(Continued on Page 18)



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a distinguished career as Professor of German at the University of Toronto, the University of Manchester, and again at Toronto where he recently retired. Dr. Fairley is the author of several books in the field of literature and on Friday, October 31st, he will deliver a public lecture in Convocation Hall on "The Humanities in Canadian Universities, 1908-1958".

Dr. Robert Kay Gordon, long-time Professor of English, will return to receive an honorary doctorate degree at the Jubilee Convocation. Dr. Gordon holds degrees from the Universities of Toronto and Oxford and is the author of several papers in the field of English Literature, for which he was awarded a Fellowship in The Royal Society of Canada. Dr. Gordon was a member of the staff at the University from 1913 to 1950 and now lives in Penticton, B.C.

A third distinguished former staff member to be honoured in the Jubilee ceremonies will be Professor Cecil Scott Burgess, who was Professor of Architecture from 1913 until his retirement in 1940. Professor Burgess was born in Bombay, India and educated in Scotland and England, practising in London, Liverpool, York, and Montreal before coming to Edmonton. Professor Burgess designed Pembina Hall, the women's residence on the campus, as well as a number of other private residences and public buildings in the city. From 1929 to 1949 he was a member of the Town Planning Commission for Edmonton.

Also on the roster of recipients of honorary degrees will be one of Canada's leading educators, Dr. Frank Cyril James, Principal and Vice-Chancellor of McGill University, who will deliver the special address at the Convocation. Principal James is a native of London, England, with degrees from the University of London and the University of Pennsylvania. After a distinguished career on the teaching staff of the latter university, he came to McGill in 1939, first as Director of the School of Commerce and later in the same year as Principal of the University.

Alberta's third Convocation will be the regular fall Convocation for the conferring of degrees in course and the awarding of prizes. It will be unusual in that, for the first time, it will be held in Calgary, on November 1st. Mr. G. V. Ferguson, a former student who won the Rhodes Scholarship while at Alberta and three distinguished citizens of Calgary, Miss Betty Mitchell, Mr. John Edward Annand Macleod, and Dr. Earle Parkhill Scarlett will be honoured.

George Victor Ferguson, a veteran of World War I, was selected as Rhodes Scholar for Alberta in 1921 and attended Christ Church College, Oxford securing his degree there. In 1925 he joined the Winnipeg Free Press as a reporter and later served as Managing Editor and executive editor of that paper. He has served as news commentator for the Canadian Broadcasting Corporation and is presently Editor of the Montreal Star.

Miss Mitchell has been noted for many years as a teacher in Western Canada High School and as a leading contributor to the development of dramatic production in Canada. As director of Workshop 14 she has been responsible for many memorable productions and has been a consistent winner in regional and national drama festivals.

Mr. Macleod, who is a native of Nova Scotia and a graduate of Dalhousie University in Arts and Law, has been practising law in Alberta for over fifty years. As an original member of Convocation he is one of the founders of the University of Alberta. From 1930 to 1940 he served as a member of the University Board of Governors and he is a former President of the Law Society of Alberta.

Dr. Scarlett has been a member of the Board of Governors of the University of Alberta since 1945 and its Chancellor since 1952. His term as Chancellor ended this summer.

Bible Classes Honor Dr. McNally

One of Alberta's outstanding citizens, Dr. G. F. McNally, was honored recently at a re-union of his old Sunday school class.

Dr. McNally, a former Chancellor of the University of Alberta, formerly deputy minister of education and Canadian representative on UNESCO, conducted Bible classes at Strathcona Baptist church from 1918 to 1948. The gathering was comprised of 101 former members of his classes.

Fifteen past presidents recalled former years in the classes. All of them described Dr. McNally as one of Alberta's greatest citizens.

A class history memorial book, presented to Dr. McNally in 1948, was re-opened and signed by those present.

Campus Observatory to Move

It is expected that the campus observatory, which opened in 1943 south of the University Rink, will be moved shortly from its present location.

The Royal Astronomical Society has presented a brief to the University of Alberta requesting a move for the building from the campus to Elk Island Park.

According to the president of the RAS, observations are very seriously hampered at the University site. Lights and glare from nearby buildings make good viewings almost impossible.

Up to three years ago, the region was fairly dark and there were usually no lights for three or four blocks. Since then, the Jubilee Auditorium and other buildings have been added to the area. As a result, the distance to which the telescope can "reach out", has been cut from stars and planets of the 14th magnitude such as Pluto, to those of the eighth magnitude such as Neptune, a planet adjoining Pluto but closer to the earth.

Modelled after the great 100-inch telescope at Mt. Palomar in California, the Edmonton model is the most northerly of its kind on the continent. Until two years ago, when light interference began, it was a main attraction for campus visitors.

Annual Meeting—

General Alumni Council

1958

A series of stimulating Alumni branch reports high-lighted the annual meeting of the General Alumni Council, held on the campus in April.

Some thirty loyal alumni branch and faculty representatives from as far East as Ottawa, and as far West as Victoria, all with a special interest in the future of the G.A.A., sat down in the SUB to listen to and comment on year-end reports and to decide how best they might chart the course of the G.A.A. in 1958-59.

A comprehensive development repart dealing with the Physical Education Building program was given by Tevie Miller, vice-president of the G.A.A. Statistics were as follows: receipts, $22,667.48 or 91% of the target of $25,000.00. 1,803 graduates, or 22.5%, of the 8,000 graduates solicited had made contributions averaging $12.51 each. Fund expenses, $2,385.68.

An excess of expenditure over revenue to an amount of $156.06 for the fiscal year ending March 31, 1958, was shown in this year's financial statement.

Luncheon in the University Cafeteria as guests of the University Vice-President, was a most looked-forward to occasion again this year. Councillors enjoyed "the State of the University" message delivered by Dr. Johns. In the course of his remarks, the Vice-President reviewed the progress and major problems of the University at the present time.

Following luncheon, the councillors were directed to the new Administration Building, where they were "toured" by the Registrar and Bursar of the University.

A number of important and informative verbal and written alumni branch reports were submitted at the General Council meeting. They are reproduced at some length as an appendix to this account of the day's business.

Nominations for the resident executive committee of the G.A.A. for 1958-59 resulted in the following slate being approved:

Honorary President ..... Dr. Andrew Stewart
Honorary Vice-President, Dr. Walter Johns
Honorary Secretary Emeritus
G. B. Taylor '23
Honorary Secretary ..... A. D. Cairns '38
President ..... Tevie Miller '49
Vice-President ..... Bruce Burgess '48
Agriculture ..... A. D. Paul '39
Arts ..... N. H. McAfee '48
Commerce ..... Haughton Thomson '38
Dentistry ..... Dr. George Decker '32
Education ..... N. H. Cuthbertson '47
Engineering ..... Dr. Don Stanley '40
Household Economics ... Margaret Lang '31
Law ..... John Bracco '49
Medicine ..... Dr. S. Schmaltz '32
Mixed Chorus ..... Ron Stephens '50
Nurses Alumnae ..... Mrs. Sydney Hodgson
Pharmacy ..... Bob Rogers '49
Edmonton Reps.—
Mrs. Betty Buchanan '56
Alan Bray '48
A. D. McTavish '36
J. C. K. Madsen '39
Rodney Pike '36
Out-of-town Reps.—
Ivan Head, Calgary '51
Stan Hambly, Camrose '40
George Kravetz, Vegreville '47
Alternates—
Michael Ukrainetz, Westlock '49
Bob Edgar, Westlock '55

At the close of the days business, alumni councillors and their wives met at the home of Dr. and Mrs. Walter Johns for tea. In the evening they were the guests of the Alumni President, Tevie Miller and Mrs. Miller.

* * *

Above, left to right, standing: Art Paul '39; Collin Corkum '45; Paul Thomas '37; Art Larson '49; Norm Cuthbertson '47; Ken Madsen '39. Bruce Burgess '48; Bill McAfee '48; George Kravetz '47; Einar Overn '49; Walter Thomson '51; Michale Skuba '48; Dr. Joe O'Donnell '34; Alan Bray '48; Ivan Head '51; Ron Stephens '50; Dr. Hugh Arnold '34; Alex Markle '48; left to right seated: Mrs. Betty Buchanan '56; Miss Margaret Whelihan '57; Mrs. Janis Cunningham '57; Miss Margaret Lang '31; Tevie Miller '49; Dr. Jack Chalmers '32; Mrs .S. Hodgson '52; Mrs. J. A. Turner '43; sMr. G. Ross Gibson '24; Miss June Taylor '50.

ALUMNI BRANCH REPORTS

Victoria

Two meetings of the Victoria Branch of the General Alumni Association of the University of Alberta were held during the last year.

The first meeting was held at the home of Dr. and Mrs. Harold Turner on November 29, 1957, with 21 members in attendance. The report of Mrs. Montie Croft, who attended the annual meeting of the G.A.A. in Edmonton was read, as Mrs. Croft was then taking a post-graduate course at the University of Washington. Dr. Jean MacDonald, a member of our branch and astrophysicist at the Dominion Observatory, Little Saanich Mountain, Saanich, B.C., was our guest speaker for the evening, and discussed Canada's participation in projects for the International Geophysical Year as well as Russian and American projects for the launching of earth satellites. Dr. MacDonald's fascinating talk stimulated considerable discussion.

On February 26, 1958, the second meeting was held, at the home of Mr. and Mrs. John A. Turner. There were 12 members present. The annual meeting and election of officers was deferred until the next meeting of the Association. It was decided by resolution of the group that a life

(Continued on Page 20)

(Branch Reports—Continued)

membership in the Alumni Association be obtained for Miss Elizabeth Dodd, retired Warden of Pembina Hall at the University, and a resident of Victoria. The possible visit of Dr. Andrew Stewart, President of the U. of A., was discussed. It was decided that in the event of a visit from the President, the Victoria Branch should hold a suitable function in his honour. Following the business session, two very interesting films, "A Long Tow Across the Pacific" and "Self-Unloading Log Barges", were shown by Oliver Prentice.

The local Association participated with the Alumni Association in Edmonton in appealing to its members by letter and telephone for support of the Jubilee Project of the G.A.A. Periodical returns have been made to the head office in Edmonton. Also, contributions have been made directly by Victoria members to the Alumni Office in Edmonton.

The Victoria Branch seems to have steady growth and development. The majority of its members have been associated with the G.A.A for upwards of ten years.

Vancouver

The executive of the Vancouver Branch endorses the resolutions of the Calgary Branch. It was suggested that when a new group is formed the president of the University should be available for their first meeting.

The following suggestions are advanced, that:

1. A News Letter be sent out several times a year with items about groups and individuals and their activities—an extension of the kind of news given in **The New Trail.**
2. To help us keep our alumni list up to date, the central office might give us more information about graduates coming to live in the Vancouver area.
3. Local alumni groups might be advised in advance of visiting VIP's so that they can plan to entertain them. Athletic groups or representatives should be included.
4. Professional groups in the city might be approached to send a representative to an executive meeting, or those faculties not organized could be represented on the executive and could work to interest members of their own professions in the work of the Alumni Association.

Along with the above suggestions, the executive would like to make a specific request that the President of the General Alumni Association continue to come out to our main annual function, and that the President of the University come as often as possible to this function. In addition, we would request information as to how closer public relations might be established between the parent body in Edmonton and the various Branches.

Calgary

The Calgary Branch held two meetings since the last annual meeting of the G.A.A., and is now preparing an application for charter membership. Meanwhile, activities are inadequate to draw or sustain a strong representation of members resident in Calgary and district.

The annual Calgary Alumni Ball was the chief activity, and while maintaining in Calgary some evidence of live connection between members, was not given the benefit of early planning promised by integration of members into a chartered, functional group. To sum up, in significant figures, the bank balance is $13.00.

A brief regarding Branch matters was prepared for submission at the annual meeting. Each Branch was provided in advance with copies of the resolutions.

The larger representation of members from Calgary reflects an increasing interest in that city by Alumni members. Such interest has been engendered in small part by Branch activities; perhaps in larger part by announcement of major University building activities soon to be initiated.

Medicine Hat

Since the annual meeting in February, 1957, three functions in which the Branch was directly connected, have been held.

The first of these, honouring graduands of both city high schools, who were planning to enter the University of Alberta in the fall of 1957, took the form of a garden party at the home of the late Dr. G. Ross Gibson and Mrs. Gibson. This event was the first of its kind for the Branch and was quite a success.

The second, a barbeque held in the unique garden of Mr. and Mrs. Stewart Wallace, was a memorable gathering for the alumni group. The weather was ideal and 72 persons were served barbequed steaks. The remainder of the evening, apart from a short business session, was spent in sing-song.

The third event was a combined meeting of the local Alumni Branch, the University Women's Club, and the Community Art Group, at which Professor H. G. Glyde, head of the Department of Fine Arts at the University of Alberta, gave an extremely interesting lecture on "Fifty Years of Canadian Art". This meeting was held in the Council Chamber Art Gallery of the City Hall, and was attended by well over a hundred persons. An exhibit of professor Glyde's oil paintings, 23 in number, was also a feature of this meeting. During this week, Professor Glyde's mural, commemorating 50 years of progress in Alberta and dedicated to the pioneers of this district, was unveiled in the Public Library.

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The local group embarked upon another first this past season. The members pledged themselves to raise enough money to give an annual prize of $25.00 to the grade 12 student graduating from any high school within the boundaries represented by the local Alumni Association, and obtaining the highest average on any three departmental subjects, the average of the three subjects must be 75% and the overall average 70%. The student must have been accepted and in attendance at the University of Alberta at the fall session of the year of the award. The first presentation of this award will be in the fall of 1958.

The local Alumni group was also privileged to have its candidate accepted and elected by City Council to the Public Library Board.

The local Alumni Association also recommended a candidate for the honorary Doctor of Laws degree from the University of Alberta, and also recommended a candidate for the Alumni Golden Jubilee Award.

As for the future, the group is planning a garden tea for the graduands this year again, at the home of the president on June 1, and also a "repeat" of the barbeque for this fall.

Camrose

The Camrose Branch of the General Alumni Association of the University of Alberta has been reasonably active during the past year.

On November 12, 1957, a meeting of the Camrose Branch was held at the Camrose High School. Despite the fact that Dr. Walter Johns, Dr. Jack Chalmers, Tevie Miller, and Alex Markle were to be present, the attendance was disappointingly small. Only 11 people were present. Dr. Chalmers was unavoidably absent.

Dr. Johns spoke on the building program proposed for the University of Alberta, both in Edmonton and Calgary. Tevie Miller spoke on the proposed Recreation Centre for the University and the part being played by the General Alumni Association in this program. Alex Markle spoke on items of information of general importance and significance related to the Alumni Association. A nominating committee was set up to bring in a slate of officers for 1958-59.

A larger gathering took place later. The tentative executive of Stan Hambly, President; Ralph Brinsmead, Vice-President; Einar Overn, Treasurer; and Mel Bakken, Secretary, planned a social evening composed of a banquet and dance for April 11, 1958. The total cost of this program was in the neighbourhood og $800.00, which included a banquet, dinner music, corsages, entertainment, and dancing to Norris Pacey's Edmonton orchestra. Dr. Johns, Dr. Chalmers, Alex Markle, Professor Wilfrid Pilkington and their wives were present. Each of these men spoke briefly with Wilf Pilkington presenting the main address of the evening. The banquet, program, entertainment and dancing were very well received by the 160 guests in attendance. At this banquet the installation of the tentative executive was ratified.

The program was planned on the basis of a minimum of 180 guests, hence the Camrose Branch suffered a deficit of approximately $35.00.

Despite this discouraging deficit the majority of the guests favoured a continuance of a similar program for 1959.

The response of Alumni members to the appeal for funds for the recreational centre on the University campus was encouraging from the Camrose area.

In general, it might be said that during the past year, the Camrose Branch has justified its existence. Prospects for the coming year are indeed bright. At the last executive meeting, we considered

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The executive has operated well as a team and from Christmas until April 11, has met on the average of twice a month.

Vegreville

The Vegreville Branch of the Alumni Association has, in effect, had two meetings since the idea of forming a branch in Vegreville was brought forward. Early last winter we had a meeting of some interested alumni and decided that such a branch might be formed. Then we had an organizational meeting which was attended by alumni from points in the vicinity of Vegreville—from Lamont on the west to Mannville on the east. Dr. J. W. Chalmers, Dr. C. F. Bentley, and Mr. A. G. Markle of the Alumni Association executive, were also present and provided us with information and guidance.

The slate of officers elected includes:
President—Bev Facey '38, '43
Vice-President—Russ Nikiforuk '40
Secretary—Louis Maiko '57
Councillor—George Kravetz '47

To the present that has been about the extent of our activity, but we certainly hope that more will be forthcoming. It is hoped that some ideas for activity may be received at the Council meeting.

We have thought of the possibility of inviting the graduating grade 12 students from Lamont, Mundare, Vegreville, Innisfree, and Mannville, who intend to attend the University, to some sort of an evening affair as guests of the alumni. This might serve as an introduction to University life. We are open to suggestions as to what may be included on the program.

A get-together with Grade Twelve students was held early in June, and proved a most successful occasion.

A campus delegation was in attendance, including Miss Maimie Simpson, Mr. Art Hough, Students' Advisory Services, Lou Hyndman, President of the Students' Union, and A. G. Markle, Executive Secretary, General Alumni Association.

Branch President Bev Facey was chairman. Following brief remarks by Edmonton representatives, each of the prospective University freshmen was introduced to the gathering by his or her school principal. Approximately sixty young people were in attendance. Lunch was served.

Winnipeg

University of Alberta graduates in the Winnipeg area number approximately 90 to 100, we believe. It is estimated that 45 to 50 of these are active members.

The Winnipeg executive has given consideration as to how they might establish contact with recent graduates who come into greater Winnipeg for employment shortly after graduation. We have thought that the various faculty heads at the University could inform the Executive Secretary of the names and addresses of new graduates as these become known. This information could then be passed on to the various Branches.

At Winnipeg, we still continue to hold two meetings per year. One is usually held in the Fall and the Annual Meeting in the Spring, toward the end of March or early in April. We have found from experience that it is important to have meetings well-timed. They must not be too long, and there must be some attraction or interest which will make the membership feel that the meeting is worthwhile.

Last Fall, we were favoured by a visit from Alex Markle, at which time he gave complete details of the launching of the Alumni Jubilee Fund drive. The slides and information pertaining to the Jubilee Gymnasium project were of immense interest to the membership and everyone was enthusiastic.

The Winnipeg Branch greatly appreciated the assistance given by the General Secretary at Edmonton whereby he has made arrangements to mail out our membership notices of any meeting. All members of the executive wish to thank Mr. Markle for his assistance throughout the year, and the good support which we received from his office in arranging for any meeting. We will continue to act as good public relations agents for our Alma Mater.

Toronto

The Toronto Branch has maintained an active group for a great number of years. Each year we hold a Spring Dance (in conjunction with the Alumni of the other three Western Universities), a Spring Tea, a Fall Function (usually a weiner roast), and a Dinner Meeting sometime during the winter. The spring dance this year was attended by 41 couples from Alberta alumni, most noticeable among whom was the Hon. Rolland Mitchener, speaker in the last House of Commons. For each function, we have followed up the mailed notice with a 'phoning committee to all listed members where telephone numbers are available. In this way, we have been able to keep relatively close contact with members in the Toronto area and to keep the correct addresses available for the Alumni Office in Edmonton.

Ottawa

The executive of the Ottawa Branch, University of Alberta Alumni Association, takes pleasure in reporting their activities for the year 1957-58, as follows:

1. The first task undertaken by the executive was to bring up to date the list of names and addresses of Alberta Alumni residing in Ottawa area. Each person on the list received a copy of the completed list as a step towards consolidation of the group and as an invitation to membership.

2. The picnic for the Alumni and their families held at the Arboretum of the Central Experimental Farm during the month of June was well-attended.

3. In September, there was a square dance and corn roast at the Civil Service

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Recreation Association Club House. This, too, was well-attended and enjoyed.

4. The Jubilee Fund Drive held in the latter part of the year, thought not as successful as the executive wished, was carried out and many persons contributed. Mr. Markle's visit to the group was a major event of the year, and it was a pleasure to work with him on the campaign for funds.

5. At this time, the nomination committee is working on the nomination of next year's executive in preparation for the annual election which is to be held on April 23 of this year.

6. Although accurate figures showing the number of paid-up members are not available, it is known that the number is less than desirable.

7. The Ottawa Branch has no resolutions to present at this time, but will discuss the resolution of the Calgary Branch at the executive meeting to be held on April 23.

8. The Ottawa Area University Alumni Association, comprising all alumni groups in Ottawa, now includes the University of Alberta Alumni Branch. The annual ball at the Chateau Laurier is the sole event. Proceeds go towards a scholarship fund.

4A

The Alberta Agricultural Alumni Association was organized in 1942, through the energetic efforts of the late Dean R. D. Sinclair.

The early wave of enthusiasm carried it through organization years aided by the Dean and the Faculty. This enthusiasm gradually disappeared. Within the past four or five years, no one but the secretary and the president would attend meetings.

During the past winter, a circular letter was prepared and mailed through the Dean's office to about 225 graduates living in Edmonton and vicinity. Approximately 90 replied to this letter and answered the questions attached to it. Out of the replies, only 16 were in favour of continuing the Association.

As a result of the letter and the questionnaire, a committee of three was appointed to obtain a suitable portrait of the late Dean Sinclair, which portrait is to be hung in the new agricultural building. As chairman of this committee, I am able to report that the wishes of the graduates who replied are being carried out.

It was also suggested that if there were not two Alumni Associations seeking membership fees, the Agricultural and the General, there might be more interest taken in the General Alumni Association. Only time will tell if this proves true.

I personally believe that our graduates belong to so many organizations now that some are bound to suffer.

Montreal

On his return from an Alumni conference at Lake Placid in June, your editor was fortunate enough to meet with some twenty-five alumni at lunch in the Laurentian Hotel. Credit for the organization of this important reunion, on short notice, should go to the past-past-president of the Montreal branch, Jack Randle.

Particular interest was shown by all in recent developments on the campus. So much so that the 12:15 p.m. gathering didn't break up, and then reluctantly, until mid-afternoon. From the cross section of opinion expressed, it would seem likely that the Montreal branch can expect a fresh look in 1958-59.

Household Economics

During November, 1957, a group of Household Economics alumnae contacted all the local graduates. To date, 90 have contributed $1,105.00.

At the annual joint meeting of the Alberta Home Economics Association and the Alberta Dietetic Association a report was given on Alumni doings and the Jubilee Gymnasium Fund. There are still a number whose intentions are good.

Household Economics alumnae organized the Mabel Patrick Award Fund in 1956. Since there is no House Ec. alumnae group per se, this drive was launched under the direction of the Alberta Home Economics Association and the fund is now at approximately $2,000.00. The annual award of $100.00 was given in 1957 and will be given again this year. The Edmonton Home Economics Club is now working toward making this fund self-sustaining.

Dental Alumni Association

The Dental Alumni Association executive held two meetings during the year 1957-58. Important points concerning the group's progress and activities were reviewed.

1. The Bulyea and Gilchrist Annual Scholarships were increased from $50.00 to $100.00 each.
2. Letters sent out under Dr. Decker's signature soliciting G.A.A. fees, dental fees and dental donations were well-received.
3. The bank balance of the Dental Alumni Association as at April 26, 1958, is $1,092.00.

Medical Alumni Association

The Medical Alumni Association Loan fund (two $600.00 loans) for second-year postgraduate training remain in operation.

Following an executive meeting in January, 1958, a letter went out to all medical alumni acquainting them with Branch activities and summarizing what the General Association is doing, including the assignment of funds. To date, $780.00 has been received in medical and general fees. Cash on hand in the bank is $375.71. The $2.00 fee for annual medical alumni membership has been retained.

A resolution to be presented at the next Alberta Medical Association convention will suggest that various districts within the Association set up local medical vocational guidance committees. The purpose of these committees would be to interest graduating high school students in the profession of medicine.

The medical alumni will hold its annual dinner and program in conjunction with the Alberta Medical Association Convention in Lethbridge at the end of September this year. At the event, the medical class of 1933 will be honoured.

OLD "TRAILS"—MAY, 1927

There is a bit of building to be done this summer; one or two houses are being erected behind the University, in the subdivision known as Windsor Park. Professor Morrison is one of the builders.

They say that fourteen members of the senior class didn't graduate. Looks as if the hurdles are becoming higher. Our Alumni are well advised to keep an eye on the changes in the University standards. Can you imagine a student in your day, having cleaned up his first year, but lacking, say, grade XI Algebra, being told that he could not return to the University until he had wiped out this matriculation condition? Yet that is now being done.

OLD "TRAILS"—OCTOBER, 1929

Registration was the usual congested attack on Convocation Hall. It's a great game, and the authorities have added some new variations this fall in order to keep the attacking side from progressing too rapidly. This, at great expense to the defenders, too, since it has necessitated long hours of work and worry. And behind the barrage of registration cards, calendars, and bored advisors, there is the occasional glimpse of the Freshmen or Admissions Committee labouring endlessly and sometimes futilely, to straighten things out.

Rugby has started, and the team of 1929 bids fair to equal, if not surpass, the sensational record of its immediate predecessor. The one game played to date, showed a heavier and better balanced team than the one we saw this time last year. Coached once more by the great Wally Sterling, with an experienced back-field built around Freddie Hess, only injuries can prevent another year of outstanding success. Ken Thompson is captain, some of the other veterans being Al Hall, Bill Pullishy, Herman Hayes, Bill Shandro, Herb Hutton, Dud Menzies, Mal McCallum and Barney Barnett. Several new men show marked promise and do their bit to guarantee a real good show to every alumnus who can get down to the grid for one of the games.

OLD "TRAILS"—JULY, 1931

THE TRAIL has come in for its share of depression during the past year. It has become increasingly difficult to find the necessary finances and but for the generosity of class '31 (see the Secretary's report) it would have been impossible to make any allotment this year to the Henry Marshall Tory Scholarship Fund, that most worthy of Alumni undertakings.

In an endeavor to stimulate the financial position of THE TRAIL a committee of ten alumni were asked to bring in a report of ways and means to this end.

OLD "TRAILS"—NOVEMBER, 1932

From this year's registration (1,741 at Nov. 1) it looks as though recruits will not be lacking in 1935-36. The refrain from Grace Parmelee's office where she and Harry Webb concoct time-tables is "Yes we have no empty rooms today"; down in the cellar the second shift "comes off" from labs at 5:30; in Convocation Hall the drafting tables are rarely vacant; and an empty chair in the library is a curiosity.

OLD "TRAILS"—JUNE, 1933

With the whole-hearted cooperation of the Edmonton alumni and the senior class the Council was able to "swing the Annual Dinner on its own" this year. There was a small deficit but that the project could be managed in times like these is something which makes us mildly jubilant. It must be mentioned that the cooperation of the senior class consisted in their supplying Bowman's orchestra for the dance.

The dinner itself was a real family affair. In addition to the Chief Justice, the Chancellor, the President and their ladies, we were honoured by the presence of Dr. and Mrs. Tory, Dean and Mrs. Kerr, Dr. and Mrs. Alexander, Dr. and Mrs. Broadus and Dr. and Mrs. MacEachran. We signallized our approval of the honorary degrees which the University the next day granted the four last-named gentlemen by singing certain ribald verses to "John Brown's Body". Chaucer was hanged by his Canterbury Tales for Dr. Broadus, Cornelius Nepos was driven in his Oratoribus for Dr. Alexander and here's the chorus:

"Tory Kerr and Alexander
Tory Broadus and MacEachran
All of these we now do honor
As we go marching on."

Dr. Tory was good enough to express his satisfaction at being present and to include one or two anecdotes which brought down the house. The occasion was one which will be long remembered.

The twenty-fifth anniversary of the founding of the University was marked in two ways: by the presentation of a series of four lectures and by the issue of a booklet (which should be in the hands of every graduate by now.) The lectures which were well attended were as follows: March 32—Dr. Alexander: The Higher Learning—Twenty-Five Years of Conflict; March 27—Dr. Broadus: English Poetry Since 1908; March 30—Dr. Lewis: Some Concepts of the Living and Non-Living Worlds; April 3—Dr. MacEachran: Twenty-Five Years of Philosophical Speculation.

OLD "TRAILS"—APRIL, 1943

Perhaps you don't know that our men and women overseas were not forgotten last fall but, by dint of a vigorous membership campaign, the Edmonton Branch of the Alumni Association sent about 75,000 "fags" to them.

UNIVERSITY OF ALBERTA ALUMNI ASSOCIATION
Edmonton, Alberta
Balance Sheet as at March 31, 1958

Assets		Liabilities		
Deposit Accounts:		Accounts Payable		$ 852.87
University of Alberta	$ 4,758.32	Surplus:		
Postmaster	10.00	Balance as at April 1, 1957	$ 4,293.51	
Fees due from the Medical and Dental Alumni Association	22.00	Less excess of expenditure over revenue for the year ended March 31, 1958	156.06	
				4,137.45
	$ 4,990.32			$ 4,990.32

H. M. TORY SCHOLARSHIP ENDOWMENT FUND

Deposit Account:		Fund as at April 1, 1957		$ 6,864.18
University of Alberta	$ 333.28	Less:		
Ontario Hydro bonds—5% due April 1, 1977, at par	500.00	Premium on bonds purchased	$ 23.75	
City of Saskatoon bonds—5% due March 1, 1978, at par	6,000.00	Scholarship award to J. K. Neilson	300.00	
				323.75
				$ 6,540.43
		Add:		
		Interest earnings		192.85
		Annual transfer from Alumni Association Fund		100.00
	$ 6,833.28			$ 6,833.28

LIFE MEMBERSHIP FUND

Deposit Account:		Fund as at April 1, 1957		$ 3,896.24
University of Alberta	$ 4,663.23	Add:		
		26 new members		650.00
		Interest earnings, less exchange		116.99
				$ 4,663.23
	$ 16,486.83			$ 16,486.83

Shades of Old Vic!

OLD "TRAILS"—JUNE, 1940

No doubt you will have gazed with curious surprise at the so-called new directors of our Association—surprised because they were elected by the votes of a few, a very few, of the members during December, 1939. The first meeting of this group took place last February, following a very pleasant luncheon as guests of the University. To see the enthusiastic gathering in the Senate Chamber under the approving eyes of the first Chancellor and the first president was as if a dream had come true. Here were nineteen men and women, representatives of nearly as many graduating classes and of almost all the faculties and schools. They had come from Banff, Calgary, Edmonton, Tofield and Winterburn—each resolved to do his or her part in re-building the Alumni Association.

There is little need to dwell on the reasons for re-organization. It must be obvious that, however faithfully the previous Councils had labored, their work had been uninspired and largely ineffective so that the organization was slowly collapsing.

The keynote of the February meeting was set by Dr. Sanford in his presidential remarks, which are to be found elsewhere in this issue. If I correctly interpret the vigorous discussion which followed and in which there was wide participation, the Council intends to arouse the graduates of "this our University" to a sense of their privileges and obligations. To combat the casual acceptance of a valuable education, to awaken alumni from the deadly apathy of the past and to arm them as outright champions of their Alma Mater—these seemed to me to be the objectives of that memorable gathering.

—G. B. TAYLOR

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Fellowships in Educational Administration

Twelve outstanding Canadian students have been awarded graduate fellowships in the division of school administration at the University of Alberta. The awards vary from $2,000 to $2,400 and are tenable during 1958-59.

Some of the award winners were: Ernest Hodgson, high school inspector, Red Deer, a Canadian Education Association fellowship; Peter F. Bargen, assistant superintendent of schools, Edson, a University of Alberta fellowship; Eric C. Coffin, and Robert B. Walls, both of Calgary, received W. K. Kellough fellowships.

Murals for S.U.B.

Three members of the first-year course in murals being given by the University of Alberta fine arts department were commissioned during the regular school term to paint three murals, which have since been placed in the Students' Union cafeteria. Depicting campus life, the students spent more than six weeks in preparing and painting the 4 by 5½ foot works. One depicts Coffee Break, another the University Formal, and the third Frosh Week.

Cancer Research Tests Made With Transplanted Tumors

A new attack in the battle against cancer has been launched in the McEachern Research Laboratory on the Alberta campus, with the aid of tumors from cancer-stricken patients.

Most experiments to date in the search for a chemical to prevent, cure or arrest cancer have centred on testing the reactions of animal tumors. Because of new instruments and techniques pioneered in New York and Boston, it has been possible to transplant human tumors to animals. In the past few weeks, Edmonton has become one of the new research centres on the continent to experiment in this field.

Survey Shows Doctor Surplus

A survey of medical education in Canada shows Canada has too many medical schools and they are graduating too many, rather than too few, doctors.

A recent issue of the Canadian Medical Association Journal says its survey also showed that many Canadian schools are finding it difficult to find enough qualified students to fill their classes.

Dr. J. S. Thompson of the faculty of medicine of the University of Alberta says: "Medical schools in all parts of Canada and the United States are not getting the number of applications from good students they would like to receive. This means we must take students who barely meet our minimum requirements."

Engineer Shortage, Surplus?

Opinions vary among engineers as to whether Canada has enough members of the profession to meet current needs and is training enough young men and women to fill the needs of a fast-growing country.

Deans of engineering faculties and senior engineering students generally express the view there is a shortage of engineers—especially in the fields of chemical, electrical and civil engineering.

Some senior students say the problem is compounded by the most acute shortage of summer employment for students in many years—a situation some fear may result in many an engineering career being nipped in the bud.

A veteran Canadian engineer, on the other hand feels that "by and large" there is no shortage of engineers. He has admitted the summer employment situation for students may be tougher than in the past but is inclined to think it is not a bad thing if students have to hustle a little more than usual to find work.

The varying opinions emerged during a series of interviews at the 72nd annual meeting of the Engineering Institute of Canada.

Heart Research Grant Provided

Dr. Robert S. Fraser, Muttart associate professor of medical research at the University of Alberta, announced recently that a grant of $2,000 annually for two years has been placed with the University by the Ciba Company of Montreal.

The grant, commencing this year, will support a research project "The Significance of Electroencephalographic Changes in Patients with Congenital Heart Disease."

The project will be carried out in the cardiovascular unit of the University Hospital under the direction of Dr. Fraser and jointly with Dr. G. Monckton, neurologist at the University Hospital.

University Expansion Lags Industrialist Points Out

Education, like everything else, has a price tag but in terms of national wealth it is not an unduly large one.

This was indicated by George L. Willcox, president of Canadian Westinghouse Co. Ltd., in a recent address.

In the next 10 years, he said, about 3,000,000 young people will reach university age in Canada.

Assuming that one-third of them are fully capable of absorbing higher education, then 1,000,000 will reach college age between now and 1968.

But under University expansions now planned only about 300,000 can be accommodated.

Lecturer Elected Member Largest Health Society

Dr. Stanley Greenhill of Edmonton has been elected a member of the Royal Society of Health, the world's largest health society. Dr. Greenhill is a lecturer of clinical medicine and physiotherapy and an instructor of preventative medicine at the University of Alberta as well as being an internal-medicine specialist in private practice.

The aim of the Royal Society is to keep its members acquainted with news covering all fields of medical endeavour. To achieve this, the society publishes a monthly journal which all members receive.

Survey Was Test For Co-Eds

Girls attended Survey School at the University of Alberta this spring. Invading the usually all-male engineering course, Marion Crawford, Anne McKay and Pat Goodman did all the work the boys did, carried out the same assignments and toted their own heavy equipment.

Survey School, compulsory for first and second year engineers, is the practical outdoor application of textbook theories.

The girls worked with the boys in teams of two, three or four, on levelling and survey assignments.

Asked what they thought of the boys in the school, the co-eds agreed that they were "pretty good guys". Marion said that the boys didn't expect them to do very well. Pat added that they might come in with work containing a margin of error of several degrees and not be criticized by their classmates. If they managed to work out fairly accurate results the boys teased them for "cooking" their answers.

The boys accepted the girls after they had proved that they were not going to ask favors and were willing to work.

Graduates to Contest Conservative Leadership

Four candidates will contest the leadership of the Alberta Conservative Association in August, three of them graduates of the University of Alberta. They are: Ald. Giffard Main '36, Edmonton lawyer, W. J. C. Kirby '33, MLA, of Red Deer, A. C. Lazerte '52, Edmonton lawyer; Ernest Watkins, MLA, Calgary lawyer, and James M. Walls, Edmonton broker. Mayor E. A. Toshak, of Drumheller, has been mentioned as a possible candidate.

Two Alberta Graduates Canoe Up Pembina River

Prof. W. E. Hodgson '35, of the faculty of education at the University of Alberta, and Leo Kunelius '34, a Calgary high school inspector, played the role of voyaguers this summer when they launched their canoe in the Pembina river at Entwistle, and traversed its length. The trip took about a week.

OLD "TRAILS"—OCTOBER, 1947

In 1944-45 Dr. Alex Cook made an investigation into the careers of 200 students who ranked high in Matriculation. Of these, 50 or 25 per cent had averages above 80; and 20 of them came to the University. Of 100 students with averages over 75 (including the 50 above), 42 entered the University. Of 100 students with averages between 69 and 75, 42 entered the University.

Of the 200 matriculants, 42 per cent entered the University, i.e., 84 students. Of these 84, 62 graduated, 31 with distinction. Some others have not yet completed their courses. Some have died in the war.

Of the remainder, 41 answered a questionnaire. Of these 35 said they would have attended the University had financial assistance been available.

OLD "TRAILS"—FEBRUARY, 1949

I was huddled in a shaggy lean-to on the shore of Minnow Lake. You can't fish in an ice storm—not in the Canadian Rockies.

I was tired and cross and hungry. So I unwrapped my sandwish, waved it three times and there he was: the inevitable whiskeyjack.

"Hello, Jack. I've been expecting you." I placed his share of the feast on the ground and went on. "Have you ever heard of The New Trail?"

He moved a mere ten degrees nearer and said not a word.

"Do you know that this magazine has a column called Whiskeyjack, in which there is a very fine picture of you?"

He lifted himself gracefully and drifted, looking exactly like himself in Dr. Rowan's drawing, to a position twenty degrees nearer.

"You see, Jack, we call it that because we think you are a friendly little chap, if you are a bit dour, and this column is for friendly people. Anyone who subscribes five dollars a year or more to provide scholarships and research facilities, extras, for our university is enrolled as a Friend. Here, come closer and help yourself."

Before I could blink twice he was on the ground nonchalantly measuring the distance yet to be gained.

"You know, Jack, it is quite an honour for you."

He considered for a moment and I was beginning to think that he was properly impressed when, with the softest flirt of a wing, he was gone and so was the crust.

But he scarcely waited to brush the crumbs from his vest. He was back in a trice, with a firm eye on my last chip of bacon.

I flung it at his feet. "There, take it, you greedy rascal!"

I had blundered. He picked it up, tilted his eye with what I thought was needlessly mocking significance on my fishing rod and slanted off resentfully into the pines.

Confound the fellow! I hadn't sneaked any fish from his old lake, anyway! Not a chance.

OLD "TRAILS"—OCTOBER, 1950

Readers of THE NEW TRAIL *will be interested to learn that the Alumni Furnishing Fund has now reached the $8,700 figure. This sum represents a good number of contributors, but we had hoped for many more. So, if anyone is still holding a five or ten-dollar bill, ear-marked for the Alumni Furnishing Fund, Students' Union Building, please don't hesitate to send it in to us. It is not too late, There are a few sources yet to be heard from, and the committee in charge is hoping to be able to present to the students a cheque for at least ten thousand dollars. Why not look up that pamphlet we sent you; you know the one, "What's Happening—U. of A.", and do now what you have been intending all along to do.*

OLD "TRAILS"—SEPTEMBER, 1951

Attendance figures for the 1951-52 session showed a marked decline. Total number of full-time students, 3,213, a decrease of 385 over 1950-51.

Education was the hardest hit faculty with a drop of 143; Engineers down 94; Arts and Science a loss of 54. Only division showing a substantial increase was the School of Nursing with a rise of 25.

OLD "TRAILS"—SEPTEMBER, 1953

The Engineering Building has been officially opened. The Agriculture Building is taking shape at the north end of the campus. There is talk of a new women's residence, but it is in the planning stage. Registration is up and expected to continue rising. Moreover, if proof were needed that the growth is not merely a matter of (to use a deplorable expression) 'plant', the University has just granted its first earned Ph.D. degree (degree taken in course).

OLD "TRAILS"—SUMMER, 1954

Alumni Life Memberships have several redeeming features. The receipt comes ready for framing, in part it resembles a miniature University parchment. As a paid-up Life member of the Association you are entitled to share the rights and privileges that are a part of it. The quarterly publications of THE NEW TRAIL *should make a substantial contribution to your library. What's more important, we shall know that nine chances out of ten our correspondence to you will not be returned marked, "not known", "removed", or "return for better direction".*

OLD "TRAILS"—SUMMER, 1955

Dear Dr. Stewart:

My heartfelt thanks to you and your staff at the University of Alberta for your efforts in helping me to obtain a goal. In passing from my undergraduate days at the University of Alberta I cannot help but feel a deep attachment and a great deal of respect for the time spent under the guidance of such capable men and women. My arrival at the U. of A. some few years ago to continue my training has been very profitable in gaining knowledge, experience and a host of friends and associates. I am greatly in debt to this institution both from the mental as well as the physical aspect.

Kindly pass along my thanks to both you and Mrs. Stewart, as well as your staff and personnel. May I also encourage you in your methods and approach of maintaining University spirit and level. May we of the U. of A. continue to build one of the finest universities on the North American continent.

Faithfully yours
An Alumnus

A first for the University of Alberta campus was a conference of 21 Learned Societies, held in June and attended by some 1,500 delegates across Canada.

Most of the societies met for one to four days each. Meetings were held in the Students' Union Building, fraternity houses, classrooms and University halls. National network programs on radio and television coverage on provincial stations were scheduled for the conferences.

Fifty-two Alberta speakers delivered research papers during the three-week period, and scores of experts from points across Canada delivered lectures. Topics ranged from economic development of Canada, to Newfoundland speech habits, and psychological conflicts.

From a mountain of press material, and abstracts of papers delivered, the following interesting excerpts were gleaned.

From observations made by Dr. D. E. Smith, Dean of the faculty of Arts and Science at the University of Alberta, it appears that in 1956, 12 per cent or 680 of Alberta's grade twelve students in this group should never have come to University, another 1,000 with the ability to go didn't make it.

In the opinion of Dr. Smith, the University of Alberta's problem "is to find means of excluding these misfits, without detriment to the Alberta students who should be attending University."

George L. Roberts, president of the Canadian Teacher's Federation, said that teaching has been subjected to inadequate provisions for training like no other learned profession with the exception of the Protestant ministry.

This is the result of teacher training colleges having to accept the "expedient dictates" of provincial departments of education.

Dr. J. W. Gilles of the faculty of education at the University of Alberta, was elected president of the directors of extension and summer session.

The Canadian Linguistics Association made Dr. Andrew Stewart, president of the University of Alberta, its first life member.

Officials of the association cited three particular instances where the University of Alberta, under Dr. Stewart, supported linguistic studies. The first was in the formation of the association itself, the second was in the establishment at the University this summer of the recently-announced summer school of linguistics, and the third was in encouraging the compilation of a Canadian dictionary.

Dr. N. H. Grace, director of the Alberta Research Council was elected president of the biological science section of the Royal Society of Canada.

A minimum five-year university training will soon be regarded as essential for all fully qualified elementary and secondary school teachers, Dr. K. F. Argue, professor of education and director of the summer session at the University of British Columbia stated.

The University Counselling and Placement Association was told by Miss Maimie Simpson that "counselling does not solve student problems, this they must learn for themselves, but counselling by warden and house committee members is good advice."

Academic and Administrative Staffs
October, 1937

Front Row (left to right): J. M. Smith, Miss Marryat, Miss Montgomery, Miss Dodd, Miss Misener, Dean Wilson, Dean Alexander, President Kerr, Dean Howes, Dean Rankin, Miss McLeod, Miss Magera, Miss Patrick, Miss Duggan, Miss McIntyre.

Second Row: Hewetson, Webb, Burgess, Adam, Allan, Bulyea, Walker, C. V. Jamieson, MacGregor, J. C. Jamieson, W. Hamilton.

Third Row: Allely, Gillespie, Morrison, Taylor, Revell, Fryer, Collins, Lazerte, Long, Orr, Shipley, Cairns, Sackville, Rowan, Gowan, Thornton.

Fourth Row: Stewart, Mewburn, Munroe, Huckle, Warren, Keeping, Cantor, West, Moss, Henry, G. M. Smith, Downs, Robb, Bell, Tracy, Shoemaker, Jones, Bowstead, de Savoye ,Sheldon, Charlesworth, Tuttle, Nichols.

Rear: Hunter, Shaner, Ower, H. Jamieson, McPherson, Gilchrist, Campbell, Armstrong, Newton, Alexander, Brown, Mitchell, Fife, Healy, Matthews, Cameron, Jackson, Sonet, Bro. Memorian, Ottewell, Cullwick, W. G. Hardy, Rutherford, Scott, Bro. Stanislaus, Sandin, Dunn, Gordon, W. A. Lang, Neatby, Cormack, Sanford, Stover, R. M. Hardy, Wyatt, Sinclair, Shaw, Nekoliczuk, Watts, Pitcher, H. E. Smith, Clark, Pett, Lilge, D. E. Smith, MacIntyre, Cook, R. J. Lang, Stansfield, Bro. William, McPhail, Cornish, Porteous, McManus, Johnston, Broadfoot, Thurston.

A suggestion that Universities introduce three terms in a year was made by an extension director at a conference of the Canadian Association of Directors of Extension and Summer Schools.

Prof. W. J. McCallion of Hamilton's McMaster University told a panel discussion 50 per cent more students could be accommodated in the extra term without the need for more buildings.

He added students could be more easily absorbed in part-time employment openings on a rotation system, with terms starting in September, January and May. He suggested one third of the student body begin each term, with all courses repeated in the third term.

Three distinguished women addressed the Royal Society of Canada. They were: Dr. Silver Keeping '23, Dr. Lorene Kennedy '41, and Dr. Hilda Neatby.

What Canadians have done with Canada, in cultural and aesthetic senses, "is not very good."

So declared Dr. Norman A. MacKenzie, president of the University of British Columbia in pleading for an advancement in culture by the organization of skill and talent "with very limited sums of money," through University departments of extension.

Edmonton's "greatest single asset" is the North Saskatchewan River and its valley, Dr. W. C. Wonders, head of the department of geography at the University of Alberta told a meeting of the Canadian Geographers Association.

An outstanding program of presenting the humanities to audiences outside the university was urged by Dr. Claude T. Bissell, ,president designate of the University of Toronto.

The area outside the Universities is officially disregarded or is left to the energy of one or two members of a University department such as English, he said.

He suggested that departments in the humanities "should explicitly recognize this external division and set up a subdepartment, which would be related to both the parent department and to the extension division in the University.

About 2,400 students, 200 more than last year, attended summer school this year on the University of Alberta campus.

More than 90 per cent of the students were teachers working toward a degree or more teaching credits. About 2,200 students attended for regular University courses, mostly in the faculties of education, and arts and science. There were about 150 students in the graduate faculty.

About 115 registered for the emergency teacher's training program, now in its final year, and there were about 65 school principals from across Alberta attending a special two-week, non-credit leadership course sponsored by the University, in cooperation with the Alberta School Trustees' Association, the Alberta Teachers' Association, the Alberta School Inspector's Association, ,and the provincial department of education.

A series of four public lectures, along with tours, opera and ballet presentations, dances and sports competitions were included in extra-curricular activities for summer session students.

First sod for the permanent campus of the University of Alberta in Calgary will likely be turned at the first University Convocation ever held in Calgary, on November 1st.

Professor E. C. Lilge, head of the Department of Mining and Metallurgy at the University, was in London, England during the summer, and while there delivered a paper at a conference of the Institution of Mining and Metallurgy.

While abroad, Professor Lilge planned to visit various research establishments and Universities, which will include the Atomic Energy Research Establishment at Harwell, England; Oxford University; the Royal School of Mines, London; Mineral Dressing Laboratories, General Electric Ltd., ,Wembley; Minerais et Metaux, Paris; Institute of Research into Steel Making, St. Germain-en-Laye; Compaignie des Enterprises Industrielles, Paris; and Central Research Station, Dutch State Mines, Heerlen, Holland.

Two renewal grants have been placed with the Department of Mining and Metallurgy of the University of Alberta by the Defence Research Board of Canada and the International Nickel Company.

The Defence Research Board grant is for $1,500 to continue research in titanium alloys. This is the third time that this grant has been placed with the Department of Physical Metallurgy.

The International Nickel Company grant is continuing to support a research associate working in titanium alloys in the field of physical metallurgy.

Ian Spence, third-year Arts and Science student at the University of Alberta, was awarded the Joseph Dolson Oliver Mothersill Memorial Scholarship.

Valued at $150, the Scholarship is awarded annually to a student selected by his fellow-students for outstanding contribution to undergraduate life at the Univercity, especially through good citizenship and active support of student government.

Born in Saskatoon, Mr. Spence took his senior schooling at Eastglen High School in Edmonton. While on the campus he was active in several organizations including the University Symphony, Mixed Chorus, the **Gateway** newspaper staff, and the Golden Key Society. During the past year he has been Arts and Science representative on the Students' Council and promotions committee chairman of the Students' Union. At the time of the model parliament, he was head of the Progressive Conservative Club and Prime Minister.

The North Campus — 1912

With an unobstructed view across the stooks of grain to the High Level Bridge under construction, center right, and the Parliament Buildings, also in the process of completion, center left. The tennis court was somewhere northwest of the Arts Building. Old Fort Edmonton, cluster of white buildings, center, still served as a western outpost in those days.

Two University of Alberta undergraduates ,John Chappel, Medicine, and Morton Brown, Arts and Science, were chosen as delegates to the ninth annual World University Service Seminar held in Yugoslavia this summer. At this international gathering the theme was "The State in the International Order", with the focus on Yugoslavia and its position in the present world situation.

The two students, part of a group of 35 from 21 Canadian Universities, joined hundreds of others from Europe, Asia, Africa, and the Middle East. The University paid $500 per student and remitted the fees for the following year. The WUS committee adds $250 each to the fund.

More than 200 telephones at the University of Alberta previously in the 3369 exchange were connected with a central switchboard during the summer.

In August a semi-automatic operator-controlled switchboard will be installed in the Administration Building on the campus. Under this system the operator handles all incoming calls but outgoing and inter-departmental calls will be made using automatic equipment.

The University Singers presented their fifth annual concert recently in Convocation Hall, and each of the three works sung by the 80-voice group left little doubt that a great deal of practice preceded the concert.

The first selection was the western Canada premiere performance of "Psalm 150" by Victor Archer, a Canadian composer. The choral group was assisted by Arthur B. Crighton, organist.

Johann Sebastian Bach's Cantata No. 4, "Christ Lay in Death's Dark Prison," was impressive in each of its eight sections. Bach, one af the world's greatest composers, might well have been pleased with this performance.

A poem entitled "The Song of the Three Holy Children," by John Austin concluded the program.

When the class in physical education graduated this May at the University of Alberta, one of the professors also graduated.

Miss Alberta Hastie, who has seen the department grow from a few classes to a full-fledged school, has retired and will leave in September for a year's tour of Europe. The well-known teacher, professor and educationist, was the winner of a national association biennial award in 1957 "in recognition of distinguished service to the profession and unremitting zeal in promoting its aims and objects." The citation was from the Canadian Association of Health Physical Education and Recreation.

Terracing in Front of Residences — 1913

Athabasca and Assiniboia were the first two residences on the campus. Terracing for the two buildings occupied the time of several teams of horses and drivers, operating two-handled scoop shovels. The approximate view is from the present Engineering Building site.

Allan Des Champs has been named agricultural secretary of the department of extension at the University of Alberta, succeeding S. O. Hillerud who retired this spring.

A native of Manitoba, Mr. Des Champs graduated with a bachelor of science degree in agriculture and later joined the staff of the department of extention at the University of British Columbia. Following post graduate work at the coast University, he joined the staff of the Aluminum Company of Canada at Kitimat, B.C., where his responsibilities included adult education and recreation for the new town.

Some 25 awards were presented at a banquet at Athabasca Hall which concluded the 40th annual Young People's Week on the University campus recently.

Special $100 scholarships, the major prizes of the annual sessions, were presented to Leroy Pelletier of Pincher Creek and Eunice Gray of Marwayne. The Department of Agriculture Wheat Moneys Trust scholarships are awarded each year to the boy and girl who fare best in general information exams, held as a part of farm week.

An estimated 3,000 persons thronged through the University of Alberta's experimental farm recently as the University's department of animal husbandry presented its 37th annual Feeders' Day.

Austin A. Dowell, director of resident instruction and assistant dean of the college of agriculture, forestry and home economics of the University of Minnesota, addressed the gathering on "Early Days in Animal Science at the University of Alberta."

Dr. Dowell first organized the department of animal husbandry at the University of Alberta in 1917, and was the first to organize an annual Feeders' Day in June, 1922.

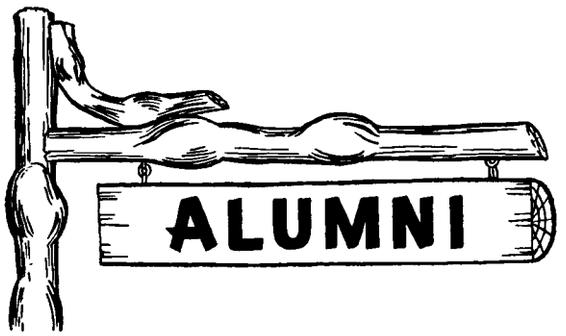
Two of Canada's best known linguists were guest instructors at the summer school of linguistics, held during the regular summer session of the University of Alberta.

The instructors were Dr. Walter A. Avis, assistant professor of English at the Royal Military College of Canada in Kingston, Ont., and Professor William F. Mackey of the English department of Laval University, Quebec.

Barker Fairley, F.R.S.C., will address an open meeting on the campus in October, as part of the University's 50th Anniversary celebrations. Mr. Fairley was chosen as special speaker on the joint recommendation of the Humanities Ascsociation and the Philosophical Society at the University. The title of his address will be "The Humanities in Higher Education, 1908-1958." Mr. Fairley is professor of German and head of the Department at University College, University of Toronto. From 1910 to 1915, he was lecturer in German at the University of Alberta. He is author of **Charles M. Doughty, Geothe as Revealed in His Poetry**, and **A Study of Geothe.**

It was announced recently by the American Council of Learned Societies that Mr. Fairley has been awarded $10,000 for distinguished scholarly accomplishments.

The Faculty of Dentistry of the University of Alberta has announced the intro-



'12

Information about the University's Golden Jubilee is spreading far and wide, and many letters of enquiry are already being directed to the Alumni Office.

One of several groups of people who will be accorded special recognition in the fall will be the remaining original members of Convocation. One of them, **Dr. J. M. Waggett** in Belton, South Carolina, took time out to write us at some length about his earlier associations on the campus.

To quote from Dr. Waggett, "In this, the Southland I have always held a church, but at times Psychiatry has taken most of my time, and still is almost a day to day work. I am in splendid health, but shall retire from the pulpit next year. I trust sometime to meet your President. Dr. Tory, to me, was a prince among men."

'20

Sylvan O. Hillerud, for 18 years agricultural secretary in the department of extension at the University of Alberta, retired this summer.

Mr. Hillerud was widely known for his work in the field of practical agriculture and the establishment of voluntary organizations. In his early days on the campus, he was largely responsible for the establishment of short courses, among them Farm Young People's Week and a short course for co-operative organizations.

'22

Rev. Thomas Hart was honored with the degree of doctor of divinity at the Convocation of St. Stephen's College in the Spring.

'24

Harry E. Balfour has retired as director of school administration with the Department of Education. Mr. and Mrs. Balfour plan to visit Mrs. Balfour's native Denmark and also to travel in Europe. On return to Canada they plan to reside in Lethbridge with their son, Dr. Sigurd Balfour.

'25

John H. English has been appointed deputy minister of trade and commerce.

Mr. English has served the trade department for 32 years and has held many appointments abroad. He headed the trade commissioner service from 1953 to 1956.

A one-time commercial counsellor at the Canadian Embassy in Washington, D.C., he served in New York, Dublin, Ireland, London and Johannesburg, South Africa.

In 1942, he returned to Ottawa and for a time was on loan to the Wartime Prices and Trade Board and then director of the export planning division of the Department of Trade and Commerce. He returned to South Africa for two years before going to Washington.

'26

During the summer we were pleased to have a visit from **Dr. Russell L. Kutz,** who is presently carrying out pharmaceutical and chemical research for the Armour Laboratories, in Kankakee, Illinois. He was telling us that he had recently spent three years in South America.

Miss Eva Jagoe, assistant principal and mathematics teacher at Viscount Bennett High School in Calgary, has been awarded a Shell Merit Fellowship to Stanford University this summer.

Winners receive a travel allowance, tuition costs, living expenses and $500 in cash.

Miss Jagoe is one of ten teachers selected on the basis of merit and demonstrating leadership qualities, to attend graduate-level summer seminars at Stanford and Cornell Universities.

To help combat the critical shortage of scientists and engineers, the seminars will furnish the teachers with training in educational techniques to aid them in guiding promising students in scientific work. The most up-to-date developments will be

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duction of a series of postgraduate courses for practicing dentists. These consist of a concentrated review of recent developments in various phases of dentistry.

The first of these courses to be presented was in dentistry for children and was under the direction of Dr. C. R. Castaldi, chairman of the section of pedodontics, with the assistance of Dr. Bruce MacKenzie and Dr. Neil Basaraba, members of the teaching staff of the Faculty of Dentistry.

The Faculty of Dentistry at the University of Alberta was host recently to Dr. Henry Beyron of Stockholm, Sweden, who conducted a two-day seminar for the members of the faculty, joined by the Edmonton Periodontal Study Club.

Plans to establish a muscular dystrophy unit at the University Hospital in Edmonton were announced recently in Toronto. The unit will be the first of its type in Canada to probe into muscular dystrophy, a non-contagious ailment afflicting at least 10,000 Canadians.

A silver engraved tray was presented by Mayor Hawrelak to Dr. Konstanty Kowalewski, assistant director of the McEachern Cancer Research Laboratory at the University of Alberta, at a meeting held recently by the National Council of Jewish Women. Dr. Kowalewski was chosen "Outstanding New Canadian" by the 250 members of the council.

Appointed associate professor in the department of experimental surgery this month by the University faculty of medicine, the Polish doctor has completed the results of 77 research projects, 30 since coming to Canada.

Dr. Jules Tuba of the biochemistry staff of the University of Alberta received a grant from the National Cancer Institute of Canada which enabled him to attend the third biennial Canadian Cancer Research Conference at Honey Harbour, Ontario, in June. The conference was sponsored by the Canadian National Cancer Institute.

During the summer of 1959, Dr. Tuba will visit selected medical and research institutions and Universities throughout Britain where he will observe the latest methods used in teaching biochemistry.

Russian experiments with transplanted heads, hearts and legs hold "great possibilities," Sir Walter Mercer, surgeon to the Queen, told an audience recently in Convocation Hall.

Past-President of the Royal College of Surgeons, Edinburgh, and professor of surgery at the University of Edinburgh, Sir Walter recently returned from a tour of medical centres in Moscow and Leningrad. He arrived in Edmonton during a six-week tour of Canada and the United States, and delivered here the annual Fulton Gillespie Memorial Lecture.

The first course in photogrammetry was held recently on the campus. It was attended by 50 engineers from all four western provinces.

Twenty-one students registered for the first of two short courses in drama being given at the University of Alberta. The courses are being conducted in the Arts building, by Brian Way, British drama authority.

shown. Lectures by top mathematicians and scientists and weekly field trips to research laboratories and industrial plants, will be included in the eight-week program.

'27

Dr. H. E. Rawlinson, Professor of Anatomy at the University of Alberta, was elected president of the National Cancer Institute at the annual meeting in Toronto recently. He had been vice-president for two years. The National Cancer Institute, the independent research arm of the Canadian Cancer Society, was established on the instigation of the federal government and includes representatives of various medical and scientific bodies and Canadian Universities. Its purpose is to administer research funds, obtained largely from the Canadian Cancer Society and also from government grants. Dr. Rawlinson said there are 80 grants to be made this year from the budget of nearly $1,000,000.

'28

Rev. E. J. Thompson, D.D., principal of St. Stephen's College, took over duties as president of the Edmonton Rotary club recently.

The American Association of Cereal Chemists has awarded its highest honor, The Thomas Burr Osborne Medal to **Dr. John Ansel Anderson,** chief chemist of the Board of Grain Commissioners for Canada and Director of the Grain Research Laboratory, Winnipeg.

The award was founded by the AACC in 1926 to recognize "distinguished contributions in the field of cereal chemistry" and was named after the outstanding protein chemist, Thomas Burr Osborne. The medal has been awarded only nine times previously during the 31 years of its existence.

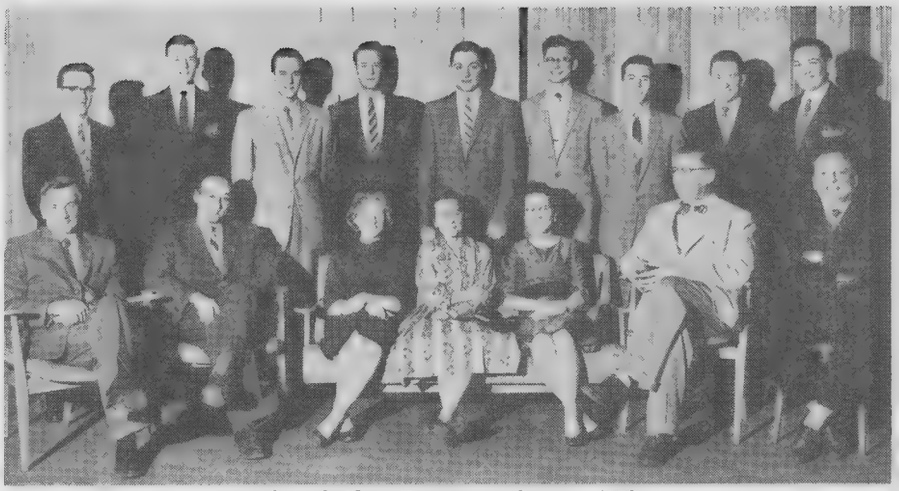
Dr. Anderson's interest in cereal grains extends back to his early days in Alberta when he worked as a hired man in farms during the summer and attended the Olds School of Agriculture, and later the University of Alberta during the winter.

'29

Len Sanders and **Fred Beddome,** coowners of Corner Drug Stores, are marking the 25th year of their partnership in the pharmacy business. They began operations in 1933 with one store, and now operate seven stores and a warehouse.

'30

An interesting letter from **Marguerite E. Calder** in Calgary enclosed her life membership check for $25. On the question of life expectancy, she thought perhaps the association was taking something of a gamble. She commented, "I intend to live until I am 90. My mother was 85 when she died four years ago, and my aunt, who is still living in Winnipeg, is 91."



Alumni Class Representatives — 1958

Alumni class representatives for 1958 and members of the resident alumni executive shown above are, left to right standing: Donald Thurston, Chemical Engineering; Norman Crawford, Civil Engineering; Wm. Dacyshyn, Education; Danold MacLead, Mining Engineering; H. A. Baird, Electrical Engineering; Vic Harrison, Pharmacy; David Bowman, Petroleum Engineering; Ken Morton, Agriculture; Aube Levin ,Commerce; left to irght seated: Rodney Pike '36; Tevie Miller '49; Ruth Jettkant, arts and Science; Margaret Lang '31; Donna Shantz, Household Economics; Dr. Jack Chalmers '32; Alex G. Markle '48.

DEATHS

Dr. Andrew Cairns '23—recipient of an honorary doctor of laws degree at Fall Convocation of the University of Alberta in 1950. Was killed in an air tragedy while on business in India.

R. E. Harrison—prominent ex-Lamont druggist. He became president of the Canadian Pharmaceutical Association in 1925, atfer serving as president of the Alberta Pharmaceutical Association. He represented pharmacy on the University of Alberta Senate during this period.

Roy C. Jackson '15—long time Edmonton lawyer and a past president of the General Alumni Association.

Joseph G. Miller—who attended the University of Alberta, and graduated from the University of British Columbia. He was employed by Husky Oil and Refining Ltd. and was manager of heavy oil sales. He was a member of the Association of Professional Engineers of Alberta, and chairman of the Canadian Division of the Asphalt Institute.

Dr. E. Mueller '32—Professor in the department of Modern Languages at the University of Alberta for many years.

MARRIAGES

Miss Eleanor Bell to **Mr. Donald Clark '55**
Miss Shirley Brown to **Mr. Robert Bolter '57**
Miss Marjory Coultman to **Mr. William Masson '58**
Miss Ann Donald '56 to **Mr. John Dea '52**
Miss Irene Edwards '48 to **Mr. Lawrence Edwards '49**
Miss Laura Edwards '49 to Mr. Arthur Edwards
Miss Marion Hall '56 to Mr. William Harkness
Miss Marilyn Harding '55 to Dr. Douglas Eagles
Miss Sheila Harvey to **Mr. Murray McKay '58**
Miss Marjorie Hill to **Mr. Clifford Kroening '56**
Miss Deanne Kimmelman to **Mr. Gordon Stewart '54**
Miss Joyce Lister '48 to **Dr. David McNair '58**
Miss Carlie Martin '57 to **Mr. Eldon Godfrey '57**
Miss Shirley Mix '56 to Mr. Gerald Anderson
Miss Clover Molyneux to **Mr. Jerry Stewart '58**
Miss Marlene Morrison to **Mr. Donald Campbell '56**
Miss Francis O'Brien to **Mr. Hugh Atkins '56**
Miss Melanie Rosenberger '49 to Dr. Bela Biro
Miss Dorothy Ross '51 to Mr. James Hill
Miss Elizabeth Saint to **Mr. Donald Heimbecker '52**

'31

Miss Margaret Lang, director of dietetics at the University Hospital is the new president of the Home Economics Association. Margaret, we are proud to say, also has given faithful service on the resident executive of the General Alumni Association for the past few years.

'32

A long and interesting letter has come our way from the **Newcombe Bentley**'s who are presently in Cairo, Egypt at 22 Sarayet El Gezira, 12th Floor, Zamalek.

"Our present quarters are in a building of about 7 storeys, one of a row of apartment houses on a street which runs alongside the edge of the Nile on the east side. In the Nile, immediately opposite us, is a large island called Zamalek on which there are many apartment buildings somewhat to the north of us . . . Newcombe's work so far, has largely been a matter of getting acquainted with people and with the set-up ,both organizational and practical, of the agriculture education system and plant here. It came as something of a surprise to us to learn that they have had schools of agriculture for almost exactly the same length of time as has Alberta. Their schools, of all kinds, are being rapidly increased, and are still far from fulfilling the demand. Compulsory education for a minimum of 6 years has been enacted. These primary schools are pretty much general education, and the compulsion is not rigorously effected because there just aren't enough schools to anywhere near go around. After 6 years' attendance, a student is directed (no free choice) according to his ability, to further academic training, to a technical school or to an agricultural school. With the rapid expansion of education that is in effect, teacher training is an ever present problem."

"33

Dr. George Sinclair has been awarded a Guggenheim Fellowship, according to an announcement made in New York by the John Simon Guggenheim Memorial Foundation. He is one of six Canadians to receive Guggenheim fellowships.

The fellowship will permit him to spend a year at the University of Illinois, Urbana, Ill., on research and study. The award is for "Studies of Slot Antennas." Slot antennas are widely used on modern high speed aircraft and missiles and their design presents many difficult problems.

"Tracking Old Signs" was **Miss Eleanor Luxton's** topic when she addressed a meeting of the Women's Canadian Club recently.

Miss Luxton is the daughter of the former Annie McDougall, who was the first white child born in what is now Alberta and of Mr. Norman K. Luxton, whose father founded the Winnipeg Free Press.

At present, Miss Luxton is doing historical research for the Glenbow Foundation and spends much of her time at the Banff Museum.

'35

Formation of a research foundation to assist projects in the social sciences and study public relations and other activities designed to influence public opinion was announced recently by the Canadian Public Relations Society.

The foundation will be headed by nine trustees representing Canadian Universities, business and the public relations field.

Heading the board will be Leonard L. Knott of Montreal. Other members include **Senator Donald Cameron,** University of Alberta, and Senator G. S. Thorvaldson, Winnipeg.

"The United Nations is an indispensable instrument for the maintenance of peace and efforts being made at disarmament may be crowned with success before long," **William Epstein,** Calgary lawyer working for UN believes.

Mr. Epstein is secretary of the disarmament commission of UN and chief of the disarmament section in the political department. He joined UN at the end of the war.

Dr. John M. Calhoun was recently appointed assistant director of the manufacturing experiments division, Eastman Kodak Co. in Rochester, N.Y.

'36

John Stevenson, Calgary, vice-president of the Alberta Association of Architects, has been named a fellow of the Royal Architectural Institute of Canada.

'38

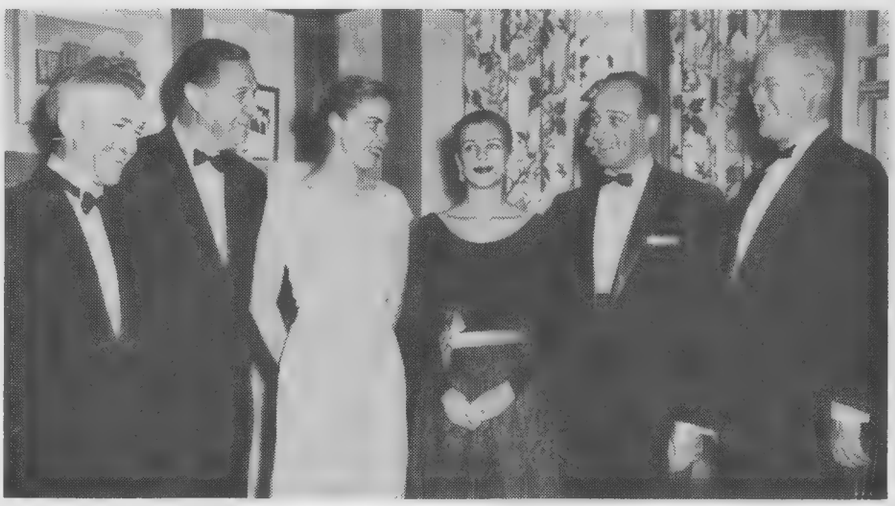
Miss Norma Freifield is the president of the Edmonton branch of the Canadian Federation of University Women. Head of the circulation department of the Rutherford Library at the University of Alberta she has been a member of the library staff for 16 years.

A comprehensive paragraph from the Calgary Herald has some interesting things to say about **Mrs. Sandy McArthur** (Nancy Smith). According to the story, since the time of her graduation, she has become somewhat of a world traveller. Married and with four children, she is still as busy as ever, confesses the Herald, what with Junior League activities plus a recent appointment as chairman of the Alberta Council on teacher recruitment and retention.

'39

In a profile from the Calgary Herald, our Southern correspondent gleaned this interesting bit of information about **Col. H. T. R. Gregg.**

"He first saw Calgary when he was five years old. He was born—"probably in a sand storm"—at Empress, Alta., a "metropolis" of 50 or 60 people north of Medi-



Alumni Association Honours Graduands

The annual alumni dinner for graduands, their parents and friends, was held on the evening before Spring Convocation in Athabasca Hall. Head table guests included: left to right, Dr. D. B. Scott, Professor of Physics, guest speaker; Dr. G. N. Patterson, Honorary LL.D. '58; Miss Clarice Evans '58, Mrs. Tevie Miller, Tevie Miller '49, Alumni President, and Dr. L. G. Reynolds, Honorary LL.D. '58.

cine Hat. He now is a keen polo enthusiast, and owns a string of five horses, four of them polo ponies. He also has three hunting dogs which are continually filling his home at 230 39th Ave. S.W. with pups."

Dr. and Mrs. John A. Nelson were summer visitors on the campus. John has been with the Ciba Drug Company since 1949 ,and he and Mrs. Nelson (Nee Francis Norris '42) and their three children are resident at Hanover Ave. Whippany, New Jersey.

'41

H. J. Chalmers has been appointed Superintendent of the Sullivan Concentrator of The Consolidated Mining and Smelting Company, at Kimberley, B.C.

'42

Word has been received that **Dr. Earl W. Buxton** of the Faculty of Education, University of Alberta, received the degree of Doctor of Education from Stanford University this Spring. Dr. Buxton is an Associate Professor in the Division of Secondary Education on the campus and is a two-degree graduate from the U. of A., having received his B.A. in 1942 and B.Ed. in 1948.

Information has also been received that Professor **Howard Byran Barnett** of the Faculty of Education, U. of A., has been awarded a Ph.D. degree from the University of Southern California. Professor Barnett is a member of the staff of the Division of Elementary Education on the campus.

O .G. Bratvold has been appointed supervisor of crop improvement with the field crops branch of the Alberta Department of Agriculture.

'43

Commercial counsellor for Canada at Berne, Switzerland, **Bruce I. Rankin** visited Edmonton recently on a western tour to discuss trade and related matters.

In 1945 Mr. Rankin was appointed an assistant commissioner. After holding posts in Australia, Shanghai and Bombay, he was posted to Madrid as commercial secretary in 1954. In 1956 he was transferred to Berne.

'44

A native of Edmonton, **Dr. Charles G. Farmilo,** 39, was the only Canadian delegate and key figure when the committee of experts for the United Nations program of opium research opened its sessions in Geneva, Switzerland, earlier this year.

He is chief of the organic chemistry and narcotic section, food and drug directorate, of the department of national health and welfare in Ottawa.

Dr. Farmilo also visited Universities and laboratories in various European cities to confer with those engaged in narcotic research.

'46

An Edmonton physician, **Dr. Kathleen A. Swallow,** has been awarded a fellowship in the American Academy of Pediatrics.

Dr. Swallow qualified for the fellowship after taking extended postgraduate training, specializing in the care of infants and children.

'47

Mr. and Mrs. H. E. Williams are making their home at 91 Westbourn Road, Penarth, Glamorgan, So. Wales, Britain. In a letter from Margaret (Marlatt) Williams '50, she mentioned how pleased they were to attend the Canadian Universities Club Annual Dinner Dance in London, England earlier in the year. Other Albertans in attendance were, **Lois McLean '46, Jim Carlisle '53, Mrs. Jean Halton '29, Mr. Lovat Dickson '27, Mr. Cameron** and **Miss Edwards.**

Dr. Gerald A. Larue has been appointed to the faculty of the University of Southern California, Los Angeles, as associate professor in the Department of Religion of the Graduate School.

A former pastor of the United Church of Canada. Dr. Larue served churches at Notikewin and Edmonton.

Dr. Gilbert M. Campbell has been appointed acting director of the Mental Health Services Clinic of the Domestic Relations Court of New York City. A graduate of the University of Alberta in medicine, Dr. Campbell is also in private psychiatric practice in New York. After graduation he served on the staff of Ponoka Mental Hospital.

'48

Cilfford Douglas Smith has been appointed associate professor of civil engineering at the University of Saskatchewan. Mr. Smith received the degree of bachelor of science (B.Sc.) in civil engineering with distinction from the University of Alberta. He has been in charge of research on hydraulic structures for the P.F.R.A. in Regina for several years.

John Malcolm Wigham '55 has been appointed instructor in civil engineering at the University of Saskatchewan. Mr. Wigham received the degree of bachelor of science (B.Sc.) in civil engineering from the University of Alberta. He is now continuing his studies for the degree of master of science (M.Sc.).

'49

Oliver Mickelson has been awarded a scholarship at Carelton University, Ottawa, to work toward a diploma in public administration.

Mr. Mickelson worked with the Alberta department of agriculture's poultry department for several years after graduation. He transferred to the federal department about four years ago, and is now in charge of personnel in the produce marketing department of the federal department of agriculture in Ottawa.

FO E. V. Carlson has been transferred from No. 7 Supply Depot, RCAF Station Namao to the Canadian Experimental and Proving Establishment's Ultra-West Detachment at Point Mugo, California.

The airman will take up his duties as supply officer at the detachment immediately. The RCAF maintains a small unit at Point Mugo, near Los Angeles.

Among 90 students receiving doctoral degrees at recent commencement ceremonies in Austin, Texas was **Hugh Hay-Roe.**

The Hay-Roes reside in Tulsa, where both are employed at the laboratary of the Jersey Production Research Company, a subsidiary of Standard Oil.

Donald D. Clayton has been appointed executive assistant of the Community Chest of Edmonton and Council of Community Services.

'50

Ruth Crawford is teaching and counselling 175 Junior High girls at Britannia Junior High School in East Vancouver, and remarked to us in a recent letter that she occasionally does a bit of work towards an M.A. degree at the U.B.C.

'51

An Edmonton household economics teacher, **Miss Katherine Johnson** has been elected president of the Canadian Home Economics Association.

J. D. McFetridge has been appointed an executive assistant on the head office staff of the Alberta Teachers' Association in Edmonton.

Mr. McFetridge received his first teaching certificate in 1941 after which he serv-er in the RCAF for four years. Upon discharge, he entered the University of Alberta, from which he received his B.Ed. degree in 1947. After serving as principal of the Grimshaw school for two years, he again entered University to complete course work toward his M.Ed., which he received in 1951.

Bert Hrapko was in charge of an "electronic history book" being displayed in the U.S. pavilion at the 1958 world's fair in Brussels.

The computer machine, developed by International Business Machines at San Jose, Calif., is known as the 305 RAMAC —random access method of accounting and control.

The 5,000,000-character-dics storage file contains electronically recorded highlights of world history for each year from 4 B.C. to the present.

Fair visitors could call out any year and see the system locate historical information in about a half second and type out the answer in any one of 10 languages. These included English, French, Italian, Netherlands, Spanish, Swedish, Portuguese, German, Russian, and Interlingua—the last a universal scientific language.

Mr. Hrapko supervised technical preparations at the San Jose plant and coordinated the special features which adapt the IBM 305 data processing system to an electronic outline of world history.

Nine Edmonton residents have won grants and fellowships from the Canada Council, according to lists released recently by Hon. Brook Claxton. The awards range in value from $500 to $4,000 and total almost $16,000.

Prof. H. G. Glyde, head of the fine arts department at the University of Alberta, won a $4,000 senior fellowship. He will leave Edmonton in August for a year's study of drawing in London and Rome.

The four Edmonton winners of predoctorate fellowships are, Dr. R. J. C. Harper, University of Alberta faculty of education; **Miss Margaret Ann Brine '53;** William Mackenzie, associate professor at the University of Alberta, and **Robert Lupul '51.** The fellowships range in value from $2,000 to $2,500.

The Markle Foundation has announced grants totalling $120,000 to four Canadian medical schools to aid research by faculty members. At the University of Alberta a grant of $30,000 went to **Lionel E. Mcleod.**

Assistant engineer for the Canadian National Railways in Edmonton since 1955, **Robert Tipper** has been named assistant division engineer at Port Arthur.

'52

The New Trail seems to get around from house to house in Ontario.

We heard recently from **Mrs. R. B. Erb** (nee Dona Marie German) in which she maintained that she had stumbled on an old issue at the home of her brother-in-law in Oakville. According to Dona, husband Bryan has been with Avro Aircraft Company for the past two years. Heat transfer is his particular interest, and he is with the Thermoelastic group. They have a year old son, Richard.

Rev. Vernon Wishart, pastor of the McCrea Methodist Church, Port Murray, New Jersey, will instruct at St. Stephen's College in Edmonton beginning next term.

The department of extension, University of Alberta, has announced the appointment of **Donald A. Bancroft,** as lecturer in municipal administration.

In the fall, the University will start three-year tutorial courses in municipal administration for assessors and secretary-treasurers of Alberta municipal districts, emphasizing assessment and appraisal.

David E. Aitken, 1956 winner of a Teagle Foundation scholarship, has received his master's degree in business administration from Harvard University in Massachusetts.

'53

The first Negro Canadian woman to graduate in law, **Miss Violet King** of Calgary, says she experienced more prejudice as a woman in a man's field than she has racial discrimination.

"I've been discriminated against, not because I'm colored, but because I'm a lawyer —a field some feel a woman shouldn't be operating in." she said during a question period at a citizenship seminar in the Banff School of Fine Arts.

The comment made a stir among male members of the seminar, attended by 44 persons from various race, religion and ethnic groups.

Brian H. Cummins has been awarded the Fawcett Memorial Scholarship at England's Bristol University, where he is completing his medical training.

Harry M. Kiyooka has been awarded one of the 44 fellowshspips and grants given by the Canada Council to help Canadians further their studies in the arts. Mr. Kiyooka's fellowship is for $2,000.

At a ceremony in Edmonton recently, **David C. McDonald,** 26, of Edmonton, was admitted to the Alberta bar.

The new lawyer, a 1952 Rhodes Scholar, received his B.Sc. in arts and law from the University of Alberta in 1953, his B.A. from Wadham College, Oxford in 1955 and his law degree in 1956. Mr. McDonald was admitted to the British bar in 1956.

Dr. Clark T. Leavitt, a fellow in medicine at the Mayo Foundation at Rochester, Minnesota, has been appointed an assistant to the staff of the Mayo Clinic.

Mr. and Mrs. Kenneth R. L. Hill (nee Shirley Bonnell) have 28 as their box number at McMurray, Alberta.

They have been blessed with two children, David and Barbara Leigh.

'56

The University of Alberta announced recently the awarding to **Dr. Mario Tedeschini** the annual fellowship of $1,200 granted by the Alberta Tuberculosis Association.

'57

Alan T. Cooke has been admitted to the Alberta bar.

A husband and wife medical team, **Dr. Roy Henry Desmond Harris** and **Dr. Norma Fallis Harris** have left for Detroit to do postgraduate work at the Henry Ford Hospital.

Dr. Norma Harris, who has already finished one year of postgraduate work at the University Hospital in internal medicine, hopes to complete another two years of work in this field at the Henry Ford Hospital. Her husband will be doing postgraduate work in general surgery there. Both are working towards their fellowships.

Six Edmontonians were among the winners of 302 scholarships and bursaries worth $414,700 granted by the National Research Council for 1958-59, according to an announcement from Ottawa recently.

Winners of $2,000 special scholarships were, **Dennis R. McCalla, Clifton A. Shook** and **Stephen F. H. Threlkeld.**

Gary R. Purdy and **Anton A. Cseuz,** also of the U. or A., won $1,200 scholarships, while **Ronald H. Gooding** won a $1,000 bursary.

A $2,700-$3,500 post-doctorate overseas fellowship went to **Glen C. Bach,** formerly of the Peace River district and now living in Montreal, who will be working in Rome.

John H. MacKenzie, the fifth member of his family to attend the University of Alberta, was admitted to the Edmonton bar recently.

A 30-year-old Saskatchewan man, **David Parks MacNaughton,** was admitted to the Alberta bar recently.

Sanford Fitch has been admitted to the Alberta bar .

Raymond Anderson left Canada this summer with his wife, the former Joyce Love '52, and their son, Douglas, for Sao

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Golden Jubilee Edition

In this Commemorative issue of The New Trail your Editor has attempted a blending of the old and the new. Anecdotes drawn from early issues of "The Trail" and "The New Trail" impart a colourful down-through-the-years atmosphere of their own. Pictures of the early campus and its personalities were made available to us in abundance by H. P. Brown, long time Director of University Extension and fortunately a camera dévotee. We are most grateful to "H.P." for his interest and assistance. It is our plan to show more of his pictorial gems in subsequent issues of the magazine, which will be making their appearance in the Golden Anniversary Year.

Summer School Tea Sponsored by Alumni Association

This year for the first time, the General Alumni Association sponsored a tea for Alberta graduates and staff in attendance at the regular Summer School session.

In spite of a blistering afternoon, there was a fair attendance. During the afternoon we were favoured with a visit by the French Ambassador and his party.

Presiding at the attractive tea table were, Mrs. Agnes Teviotdale ,a member of the first graduating class of the University; Miss Mary Hendrickson, a graduate in Physical Education this Spring and holder of the first Alumni Gold Medal to be awarded by the School of Physical Education; Miss Margaret Lang, Household Economics representative on the resident Alumni executive, and Mrs. Sydney Hodgson, Nurses representative on the resident Alumni executive.

Alumni
Past Presidents
TESTIMONIAL DINNER

●

October 29th
Mayfair Golf and Country Club

●

$3.50 Per Person

●

Place your reservations now with Alumni office—accommodation is limited.

Paulo, Brazil, where Mr. Anderson will be assistant trade commissioner and vice-consul for the Canadian government.

Mr. Anderson, after joining the department of trade and commerce a year ago, spent some time in Ottawa before going to the United Kingdom as secretary to the Canadian trade delegation last fall. On his return, he was on an industrial familiarization tour of Canada.

Presented by his father, **E. W. S. Kane '20,** Edmonton barrister, **Edward William Scott Kane** was admitted to the Alberta bar at a recent ceremony.

Dr. Eugenie Triantas of the department of biochemistry at the University of Alberta has received word that she has obtained a renewal of her post-doctoral fellowship grant from the National Cancer Institute of Canada.

Dr. Triantas was the first woman post-doctorate student to obtain a Doctor of Philosophy degree from the University in 1957. She was awarded a National Cancer Institute grant last spring, for 12 months, tenable in the department of biochemistry.

During the coming year she will continue her experiments with animals that are normal as well as those carrying a transplantable cancer. For this purpose, Dr. Triantas will be using a radioactive phosphorus compound.

'58

The Big Sister Association of Calgary announces that **Miss Margaret McLeod** recently joined the professional staff as a temporary case worker.

Miss McLeod, a native of Calgary, spent the past three summers with the City's recreation department in children's playgrounds.

Her work in the Big Sister Association will include counselling of "little sisters" and assisting in extending the varied program and services of the agency to "little sisters".

Jack Leavitt has been awarded a graduate assistantship in the School of Health and Physical Education at the University of Oregon, Eugene, Oregon.

Awards of two $500 library scholarships to two Edmonton women have been announced by Hon. A. R. Patrick, Alberta minister of economic affairs.

Miss Margaret Jackson, staff member of the Edmonton Public Library; and **Miss Patricia J. McNeill** are the scholarship winners.

Adam A. W. Kryczka has been awarded an International Nickel Company of Canada Limited Fellowship. He will continue his work at the University this fall.

Two former fourth-year honors students at the University of Alberta, **Morley S. Lipsett,** and **Miss Donna L. McCalla,** have won $1,400 awards and tuition fees from the Woodrow Wilson National Fellowship Foundation.

They were among 1,080 students to receive one-year fellowships this season from the foundation. The program is designed for students interested in preparing for college teaching.

Two Edmonton men, **Alex Sadesky** and **Arthur N. Sunley,** have joined the Canadian Westinghouse Company and are enrolled in the company's graduate training program in Hamilton.

OLD "TRAILS"—APRIL, 1944

Another academic year draws to a close, and societies tidy up their affairs and elect their officers for 1944-45. The Engineers this year seem to have shown more spirit than any other group of students, but their slate of officers for the Students' Union was not elected. The new President of the Union is a student in Agriculture, Alfred Harper, and the offices in general seem to have been captured by a medley from Arts, Commerce, and Law. The new Editor of THE GATEWAY *appropriately enough in days when even student publications seem to be good hunting grounds for snoopers clothed in the Majesty of the Defence of Canada Regulations, and when an unwary word of a light-hearted jest calls for the hoosegow, is Don Cormie, student of Law. His training may help him to keep to the windy side of such troubles as plagued his predecessors— or, once in—to find an argument that will appeal to authorities of the "nouveau" type who lack both a sense of humor and a sense of proportion.*

OLD "TRAILS"—APRIL, 1946

THE UNIVERSITY GRACE

The following Grace has been recited at dinner and at formal meals in Athabasca Hall since the opening of the main dining room in October, 1913.

Fac, Deus Noster, ut hoc cibo refecti, Quaecumque Vera constantius sequamur, secundum Jesu Christi spiritum.
Amen.

Grant, O God, that being refreshed by this food, we may more steadfastly follow whatsoever things are true, according to the spirit of Jesus Christ.
Amen.

OLD "TRAILS"—OCTOBER, 1946

By what was, in effect, the unanimous selection of Dr. Fred McNally as Chancellor of the University of Alberta, the graduates of the University have paid a fitting honour to a man who was long intimately connected with the development of education in Alberta. When the alumni were asked to submit nominations for a Chancellor, in succession to Mr. Justice Ford, only the name of Dr. McNally was put forward. Consequently, no election will be necessary.

OLD "TRAILS"—JANUARY, 1947

Excerpts from the minutes of a meeting of the Executive Committee of the General Alumni Association.

"Mr. Geoffrey B. Taylor submitted his resignation as Secretary of the Association in view of his other duties' making it impossible for him to devote the necessary time to that work . . .

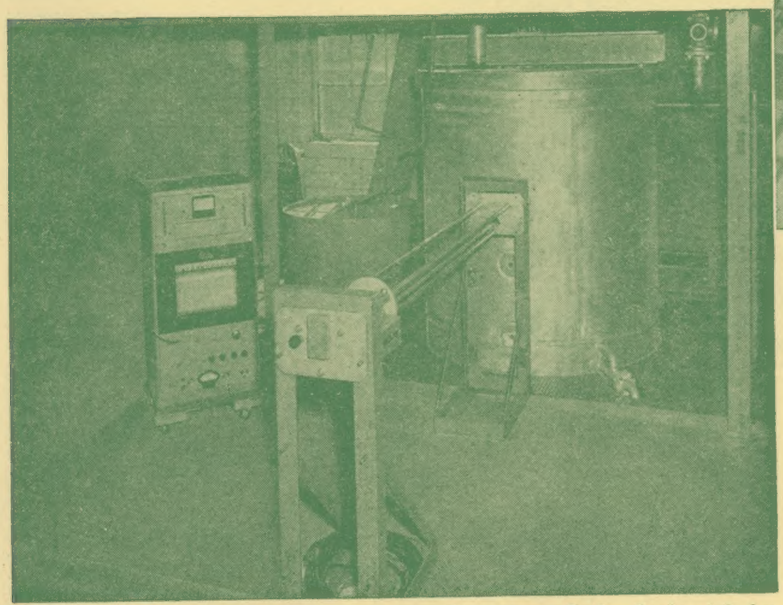
" 'Geoff' has for the past twenty years worked tirelessly and unselfishly as Secretary; his efforts to further the cause of the Association have been most enthusiastic . . .

"No other person has contributed in such an outstanding manner to the success of Alumni affairs. When collapse has seemed inevitable it has been his part to remind us of our debt to our University— to make us more active as its graduates . . .

"With regret, we accept the resignation of Mr. Taylor, but we qualify our acceptance—we ask 'Geoff' to continue to watch over the affairs of the Association in the future, and to remind us, if we fail to remember, of our duty to the University."

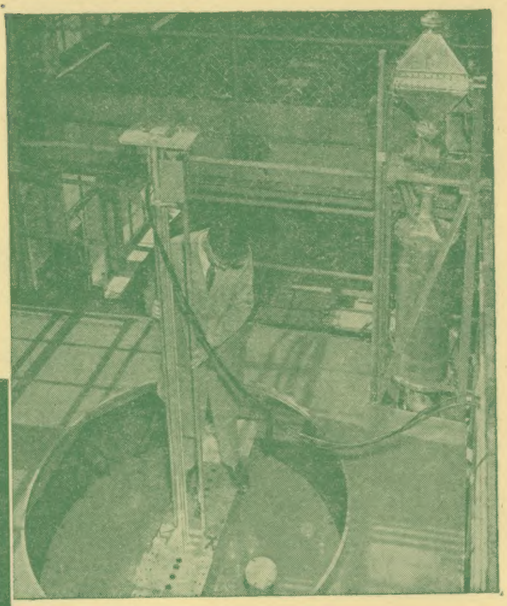
ANOTHER CANADAIR NUCLEAR ACHIEVEMENT

University of Toronto's new Reactor represents important advance in Nuclear Engineering Education in Canada



Subcritical Reactor showing reactor vessel, source flask, horizontal ion chamber drive mechanism, and counting rate recorders.

Subcritical Reactor top view, showing the installation of the vertical ion chamber drive mechanism and the vessel drying system.



TYPICAL EXPERIMENTAL MEASUREMENTS

- **Half-lives, yields and cross sections**
- **Flux distributions and buckling as a function of lattice spacing**
- **Disadvantage factor, thermal utilization and other reactor parameters**
- **Temperature coefficients**
- **Qualitative effect of absorbers**

On June 19, 1958 before a distinguished gathering, the Honorable Leslie M. Frost, Premier of Ontario, formally inaugurated at the University of Toronto, Canada's first university-owned Subcritical Reactor, thus creating an important new facility for nuclear education in Canada.

The Subcritical Reactor, located in the University's Wallberg Building, was designed and built by Canadair's Nuclear Division, and will be used as a laboratory training tool for undergraduate students. As such, the facility has been provided with a number of convenient devices to enable the student to grasp the fundamentals of this new field, and in particular, to illustrate some of the unique aspects associated with Canada's development of heavy water reactors.

In the reactor, natural uranium rods sheathed in aluminum are mounted vertically in a cadmium-covered aluminum vessel. A heavy water moderator surrounds the rods and an external source of neutrons (yielding 10^8 neutrons per second), is mounted in a graphite pedestal situated below the vessel.

The Subcritical Reactor is inherently safe and requires no complicated control system, bulky shielding, or cooling system. As such, it is ideally suited for teaching purposes. Experimentation and instruction are facilitated by easy access to the reacting region through horizontal and vertical experimental tubes.

Although primarily designed for undergraduate training in Nuclear Engineering, the Reactor can also serve at the graduate level for a research programme in the properties of heavy water reactors.

The Nuclear Division of Canadair has a unique group of nuclear scientists and engineers thoroughly experienced through a variety of successfully completed programmes in the nuclear field. They are ready and eager to discuss your problem, present or potential, if it involves the application of Nuclear Energy in any way.

Nuclear Division

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